Windows 8 Using XAML, Part 07: Brushes

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Meet the expert: Ken Getz is a featured instructor for several of our Visual Studio courses. He is a Visual Basic and Visual C# expert and has been recognized multiple times as a Microsoft MVP. Ken is a seasoned instructor, successful consultant, and the author or co-author of several best-selling books. He is a frequent speaker at technical conferences like Tech-Ed, VSLive, and DevConnections and he has written for several of the industry's most-respected publications including Visual Studio Magazine, CoDe Magazine, and MSDN Magazine.

Prerequisites: This course assumes that you have some programming background and experience using Visual Studio 2010 and C# or Visual Basic. In addition, the course assumes some basic knowledge of XAML markup and basic knowledge of Windows Store applications and Windows 8.

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Course description: This course will show you how to work with Brushes and Transforms for your Windows 8 applications. It will start with showing you how to work with solid, gradient, and image brushes. Then you will learn how to add transparency effects. Then you will investigate built-in transforms and then learn to add reflection effect using opacity and transforms.

Course outline:

Brushes
- Introduction
- Whats a Brush?
- Missing in Action
- SolidColorBrush Class
- How to Select a Color
- Use Named Colors
- Use #rrggbb or #aarrggbb Syntax
- Use Element.Property Syntax
- Demo: Solid Color Brush
- LinearGradientBrush Class
- LinearGradientBrush
- Rotating the Gradient
- Changing the Stop Points
- Demo: LinearGradientBrush
- Extending the Gradient
- Rectangles Only?
- Demo: Gradient Features
- Demo: Nonrectangular gradients
- Using Visual Studio
- Demo: Using Visual Studio
- Summary

Image Brush
- Introduction
- ImageBrush Class
- ImageBrush
- Demo: ImageBrush
- Demo: ImageBrushText
- Using Transparency
- Demo: Transparency
- Summary

Transformations
- Introduction
- Transforms
- Repeating Shapes
- Rotate Transform
- Demo: Rotate Transform
- Scale Transform
- Demo: Scale Transform
- Skew Transform
- Demo: Skew Transform
- Translate Transform
- Demo: Translate Transform
- Avoiding Absolute Coordinates
- Demo: TransformOrigin
- Transforming a Control
- Demo: Transforming a Control
- Adding Reflection Effects
- Demo: Reflection effects
- Summary