Converting Colors

RYB(97, 76, 68)

Have a look what the booklet for RYB(97, 76, 68) contains.

RYB(97, 76, 68) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RYB(97, 76, 68)

Conversions

Conversions Part 1

Format	Color
Hex	614A44
RGB	97, 74, 68
RGB Percent	38%, 29%, 27%
CMY	0.6196, 0.7087, 0.7333
CMYK	0.00, 0.23, 0.30, 0.62
HSL	13°, 18%, 32%
HSV	13°, 30%, 38%
XYZ	8.4400, 7.8925, 6.5474
YIQ	80.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

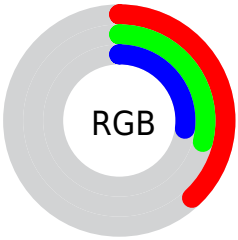
Format	Color
RYB	97, 76, 68
Decimal	6376004
CIELab	33.76, 8.59, 7.43
CIELCh	34, 11.364, 40.860
Yxy	7.8925, 0.3689, 0.3450
Android (android.graphics.Color)	4284566084 (0xFF614A44)
YUV	80.1930, -6.0111, 14.7397
Hunter-Lab	28.0935, 4.4623, 5.8475

Details

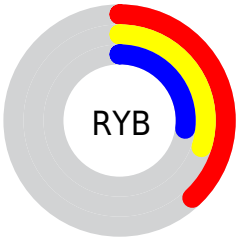
The RYB color 97, 76, 68 is a dark color, and the websafe version is hex 666666. A complement of this color would be 68, 81, 97, and the grayscale version is 80, 80, 80.

A 20% lighter version of the original color is 148, 125, 116, and 50, 31, 25 is the 20% darker color. If you saturate the color by 10%, you get 97, 70, 58, and if you desaturate by 10%, it is 97, 83, 78.

Distribution

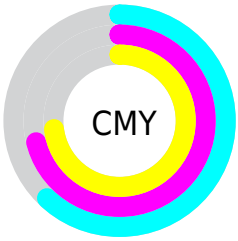


- Red (38%)
- Green (29%)
- Blue (27%)



- Red (38%)
- Yellow (30%)
- Blue (27%)

- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (62%)



- Cyan (62%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 76, 68 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 97, 76, 68 by changing the saturation by 10% instead.

97, 76, 68

255, 255, 255

148, 125, 116

175, 151, 142

203, 177, 168

231, 205, 195

255, 234, 223

252, 255, 252

97, 76, 68

73, 54, 46

50, 31, 25

30, 8, 0

0, 0, 0

97, 76, 68

97, 70, 58

97, 76, 68

97, 83, 78

97, 62, 49

97, 54, 39

97, 48, 29

97, 40, 20

97, 34, 10

97, 27, 0

97, 90, 87

97, 97, 97

97, 101, 107

97, 105, 116

97, 110, 126

97, 114, 136

97, 118, 146

97, 123, 155

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

98, 73, 76

97, 76, 68

92, 90, 63

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

97, 76, 68

63, 77, 84

73, 78, 97

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

97, 76, 68

68, 81, 97

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

62, 75, 96

97, 76, 68

56, 71, 85

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

97, 76, 68

66, 82, 75

55, 71, 91

85, 76, 93

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

97, 76, 68

71, 86, 61

55, 71, 91

69, 77, 97

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

97, 76, 68

125, 116, 114

97, 68, 91

64, 58, 57

191, 191, 191

64, 64, 64

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

97, 76, 68

125, 93, 80

81, 97, 68

48, 45, 44

112, 31, 0

240, 66, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

68, 81, 97

80, 100, 125

68, 75, 97

44, 46, 48

0, 49, 112

0, 105, 240

Previews

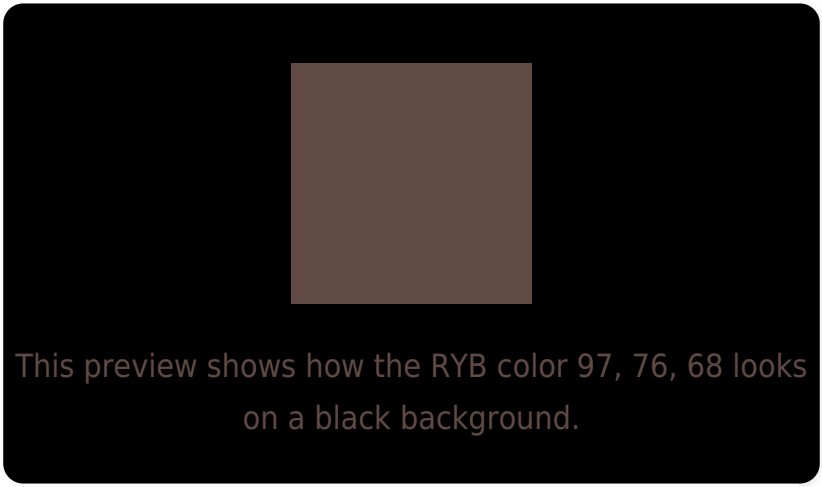
White Background

This preview shows how the RYB color 97, 76, 68 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 97, 76, 68 Background

This preview shows how black text looks on a background with the RYB color 97, 76, 68.

This preview shows how white text looks on a background with the RYB color 97, 76, 68.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
97, 76, 68

Protanopia
77, 83, 71

Deuteranopia
92, 82, 68

Tritanopia
98, 73, 78

Trichromacy

Original Color
97, 76, 68

Protanomaly
88, 81, 70

Deuteranomaly
94, 80, 68

Tritanomaly
98, 73, 74

Monochromacy

Original Color
97, 76, 68

Achromatopsia
80, 80, 80

Achromatomaly
86, 79, 76

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 76, 68 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(97, 74, 68) looks like.

```
.text, #text, p{
    color:rgb(97, 74, 68)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(97, 74, 68) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(97, 74, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 68) }
```

Border

The CSS property to change the border of an element to RYB 97, 76, 68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 74, 68) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(97, 74, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(97, 74, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 74, 68); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 74, 68); box-shadow:4px 4px 4px 4px rgb(97, 74, 68) }
```

Background

The CSS property to change the background color of an element to RYB 97, 76, 68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(97, 74, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(97, 74, 68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor