Converting Colors

RYB(89, 89, 89)

Have a look what the booklet for RYB(89, 89, 89) contains.

Color

RYB(89, 89, 89)

Conversions

Conversions Part 1

Format	Color
Hex	595959
RGB	89, 89, 89
RGB Percent	35%, 35%, 35%
CMY	0.6510, 0.6510, 0.6510
CMYK	0.00, 0.00, 0.00, 0.65
HSL	0°, 0%, 35%
HSV	0°, 0%, 35%
XYZ	9.4954, 9.9899, 10.8790
YIQ	89.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

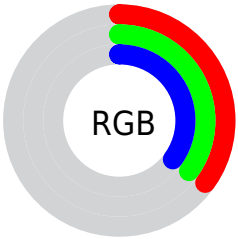
Format	Color
RYB	89, 89, 89
Decimal	5855577
CIELab	37.82, 0.00, -0.00
CIELCh	38, 0.005, 296.813
Yxy	9.9899, 0.3127, 0.3290
Android (android.graphics.Color)	4284045657 (0xFF595959)
YUV	89.0000, 0.0000, 0.0000
Hunter-Lab	31.6068, -1.6865, 1.7173

Details

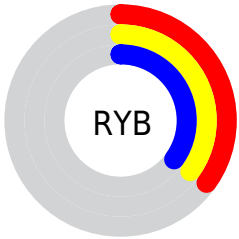
The RYB color 89, 89, 89 is a dark color, and the websafe version is hex 666666. A complement of this color would be 89, 89, 89, and the grayscale version is 89, 89, 89.

A 20% lighter version of the original color is 139, 139, 139, and 44, 44, 44 is the 20% darker color. If you saturate the color by 10%, you get 89, 80, 80, and if you desaturate by 10%, it is 89, 94, 98.

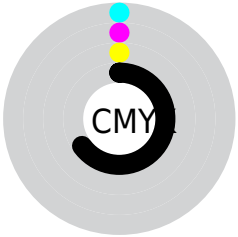
Distribution



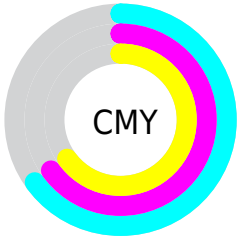
- Red (35%)
- Green (35%)
- Blue (35%)



- Red (35%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (65%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 89, 89, 89 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 89, 89, 89 by changing the saturation by 10% instead.

89, 89, 89

255, 255, 255

139, 139, 139

165, 165, 165

192, 192, 192

220, 220, 220

249, 249, 249

89, 89, 89

66, 66, 66

44, 44, 44

23, 23, 23

0, 0, 0

89, 89, 89

89, 89, 89

89, 80, 80

89, 71, 71

89, 94, 98

89, 98, 107

89, 62, 62

89, 53, 53

89, 45, 45

89, 36, 36

89, 27, 27

89, 18, 18

89, 9, 9

89, 103, 116

89, 107, 125

89, 111, 133

89, 116, 142

89, 120, 151

89, 125, 160

89, 129, 169

Harmonies

Sweetspot

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

89, 89, 89

115, 115, 115

59, 59, 59

186, 186, 186

Same Dimension

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

89, 89, 89

115, 115, 115

43, 43, 43

107, 0, 0

235, 0, 0

Inverse Universe

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

89, 89, 89

115, 115, 115

43, 43, 43

0, 54, 107

0, 118, 235

Previews

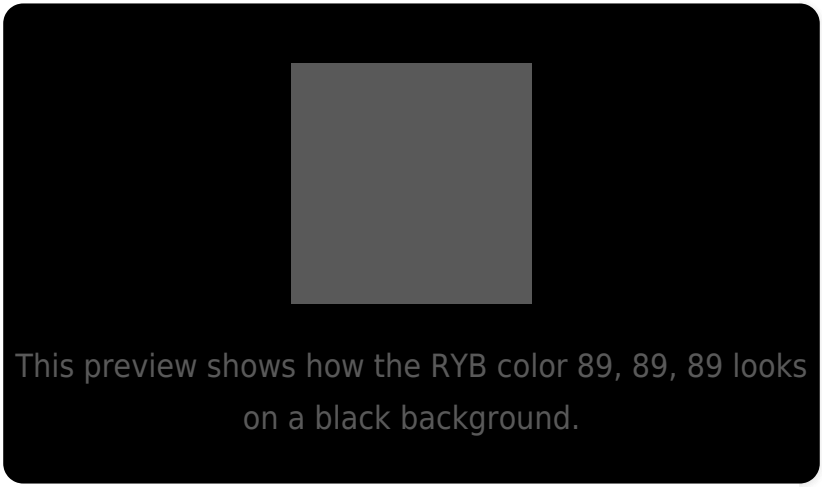
White Background

This preview shows how the RYB color 89, 89, 89 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



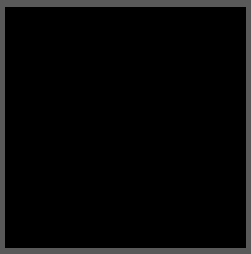
This preview shows how the RYB color 89, 89, 89 looks on a black background.

Color Contrast Check

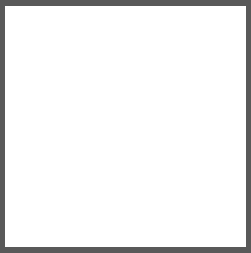
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RYB 89, 89, 89 Background



This preview shows how black text looks on a background with the RYB color 89, 89, 89.



This preview shows how white text looks on a background with the RYB color 89, 89, 89.

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
89, 89, 89

Protanopia
91, 89, 89

Deuteranopia
97, 86, 90

Tritanopia
90, 88, 95

Trichromacy

Original Color
89, 89, 89

Protanomaly
90, 89, 89

Deuteranomaly
94, 87, 90

Tritanomaly
90, 88, 93

Monochromacy

Original Color
89, 89, 89

Achromatopsia
89, 89, 89

Achromatomaly
89, 89, 89

CSS Examples

Text

The CSS property to change the color of the text to RYB 89, 89, 89 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(89, 89, 89) looks like.

```
.text, #text, p{
    color:rgb(89, 89, 89)
}
```

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(89, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 89, 89) }
```

Border

The CSS property to change the border of an element to RYB 89, 89, 89 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(89, 89, 89) }
```

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

```
.border{ border-color:rgb(89, 89, 89) }
```

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

Here you see how a box with a 4 pixel rgb(89, 89, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 89, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 89, 89); box-shadow:4px 4px 4px 4px rgb(89, 89, 89) }
```

Background

The CSS property to change the background color of an element to RYB 89, 89, 89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(89, 89, 89) }
```

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

```
.background{ background-color:rgb(89, 89,
89) }
```

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