

Converting Colors

`RYB(108, 108, 108)`

Have a look what the booklet for
RYB(108, 108, 108) contains.

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Color

R_YB(108, 108, 108)

Conversions

Conversions Part 1

Format	Color
Hex	6C6C6C
RGB	108, 108, 108
RGB Percent	42%, 42%, 42%
CMY	0.5765, 0.5765, 0.5765
CMYK	0.00, 0.00, 0.00, 0.58
HSL	0°, 0%, 42%
HSV	0°, 0%, 42%
XYZ	14.2537, 14.9960, 16.3306
YIQ	108.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
RYB	108, 108, 108
Decimal	7105644
CIELab	45.63, 0.00, -0.01
CIELCh	46, 0.006, 296.813
Yxy	14.9960, 0.3127, 0.3290
Android (android.graphics.Color)	4285295724 (0xFF6C6C6C)
YUV	108.0000, 0.0000, 0.0000
Hunter-Lab	38.7246, -2.0663, 2.1040

Details

The RYB color **108, 108, 108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108, 108, 108**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **159, 159, 159**, and **61, 61, 61** is the 20% darker color. If you saturate the color by 10%, you get **108, 97, 97**, and if you desaturate by 10%, it is **108, 114, 119**.

Distribution



Red (42%)

Green (42%)

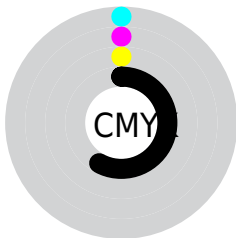
Blue (42%)



Red (42%)

Yellow (42%)

Blue (42%)

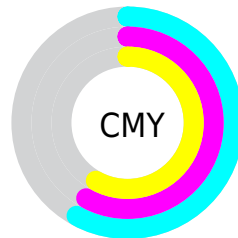


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 108, 108 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 108, 108, 108 by changing the saturation by 10% instead.

■ 108, 108, 108

255, 255, 255

■ 159, 159, 159

■ 186, 186, 186

■ 214, 214, 214

■ 242, 242, 242

■ 108, 108, 108

■ 84, 84, 84

■ 61, 61, 61

■ 39, 39, 39

■ 18, 18, 18

■ 0, 0, 0

■ 108, 108, 108

■ 108, 97, 97

■ 108, 86, 86

■ 108, 76, 76

■ 108, 108, 108


■ 108, 114, 119


■ 108, 119, 130

■ 108, 124, 140

 108, 65, 65

 108, 130, 151

 108, 54, 54

 108, 135, 162

 108, 43, 43

 108, 141, 173

 108, 32, 32

 108, 146, 184

 108, 22, 22

 108, 151, 194

 108, 11, 11

 108, 157, 205

Harmonies

Sweetspot

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



108, 108, 108



140, 140, 140



71, 71, 71



199, 199, 199

Same Dimension

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



108, 108, 108



140, 140, 140



54, 54, 54



117, 0, 0



245, 0, 0

Inverse Universe

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



108, 108, 108



140, 140, 140



54, 54, 54



0, 59, 117



0, 123, 245

Previews

White Background



This preview shows how the RYB color 108, 108, 108 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 × Fail

Black Background



This preview shows how the RYB color 108, 108, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

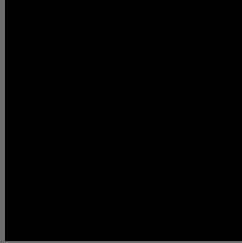
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

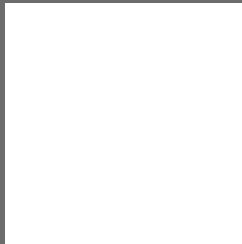
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 108, 108, 108 Background



This preview shows how black text looks on a background with the RYB color 108, 108, 108.



This preview shows how white text looks on a background with the RYB color 108, 108, 108.

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

108, 108, 108

Protanopia

110, 107, 108

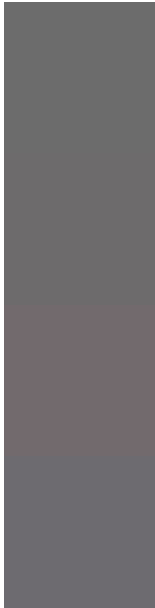
Deuteranopia

118, 105, 109



Tritanopia
109, 107, 115

Trichromacy



Original Color

108, 108, 108

Protanomaly

109, 107, 108

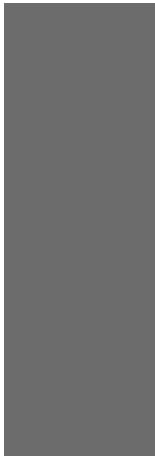
Deuteranomaly

114, 106, 109

Tritanomaly

109, 107, 112

Monochromacy



Original Color

108, 108, 108

Achromatopsia

108, 108, 108

Achromatomaly

108, 108, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 108, 108 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(108, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 108)  
}
```

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(108, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 108, 108 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(108, 108, 108) }
```

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

```
.border{ border-color:rgb(108, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 108, 108, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 108) }
```

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

```
.background{ background-color: rgb(108,  
108, 108) }
```

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](#).

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