

Converting Colors

`RYB(89, 112, 109)`

Have a look what the booklet for
RYB(89, 112, 109) contains.

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Color

R_YB(89, 112, 109)

Conversions

Conversions Part 1

Format	Color
Hex	5C7059
RGB	92, 112, 89
RGB Percent	36%, 44%, 35%
CMY	0.6392, 0.5608, 0.6510
CMYK	0.18, 0.00, 0.21, 0.56
HSL	112°, 11%, 39%
HSV	112°, 21%, 44%
XYZ	12.0110, 14.5849, 11.6333
YIQ	103.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

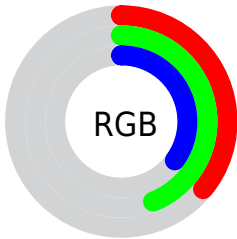
Format	Color
RYB	89, 112, 109
Decimal	6058073
CIELab	45.06, -12.28, 10.37
CIElCh	45, 16.077, 139.814
Yxy	14.5849, 0.3142, 0.3815
Android (android.graphics.Color)	4284248153 (0xFF5C7059)
YUV	103.3980, -7.0982, -9.9960
Hunter-Lab	38.1902, -10.6939, 8.6725

Details

The RYB color **89, 112, 109** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109, 89, 112**, and the grayscale version is **103, 103, 103**.

A 20% lighter version of the original color is **139, 164, 161**, and **43, 64, 61** is the 20% darker color. If you saturate the color by 10%, you get **78, 112, 108**, and if you desaturate by 10%, it is **100, 112, 110**.

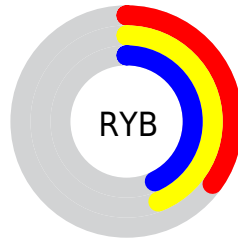
Distribution



Red (36%)

Green (44%)

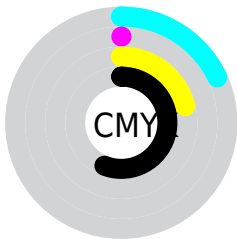
Blue (35%)



Red (35%)

Yellow (44%)

Blue (43%)

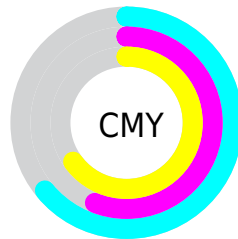


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 89, 112, 109 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, 112, 109 by changing the saturation by 10% instead.

■ 89, 112, 109

255, 255, 255

■ 139, 164, 161

■ 165, 191, 187

■ 193, 219, 216

■ 220, 247, 243

■ 249, 255, 251

■ 89, 112, 109

■ 66, 88, 86

■ 43, 64, 61

■ 23, 42, 41

■ 0, 22, 22

■ 0, 0, 0

■ 89, 112, 109

■ 78, 112, 108

■ 67, 112, 106

■ 89, 112, 109

■ 100, 112, 110

■ 111, 112, 112

■ 55, 112, 104

■ 121, 112, 123

■ 44, 112, 103

■ 131, 112, 134

■ 33, 112, 102

■ 141, 112, 145

■ 22, 112, 100

■ 150, 112, 156

■ 11, 112, 99

■ 160, 112, 167

■ 0, 112, 97

■ 170, 112, 179

■ 180, 112, 190

Harmonies

Analogous

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



81, 109, 83



89, 112, 109



78, 100, 114

Triad

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



89, 112, 109



85, 101, 133



134, 97, 98

Complementary

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



89, 112, 109



109, 89, 112

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.



131, 97, 112



89, 112, 109



103, 105, 132

Square

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



89, 112, 109



71, 95, 127



119, 100, 124



131, 105, 87

Rectangle

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



89, 112, 109



71, 93, 114



119, 100, 124



134, 97, 103

Sweetspot

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



89, 112, 109



137, 145, 144



92, 112, 89



69, 74, 74



201, 201, 201



74, 74, 74

Same Dimension

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



89, 112, 109



109, 145, 140



89, 106, 112



50, 56, 55



0, 120, 104



0, 247, 215

Inverse Universe

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



109, 89, 112



141, 109, 145



112, 89, 104



55, 50, 56



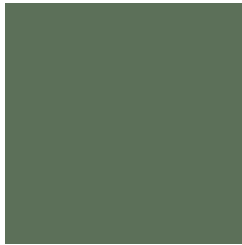
104, 0, 120



215, 0, 247

Previews

White Background



This preview shows how the RYB color 89, 112, 109 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 89, 112, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

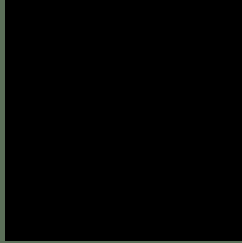
Any Text WCAG AA × Fail

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](#).

R Y B 89, 112, 109 Background



This preview shows how black text looks on a background with the RYB color 89, 112, 109.

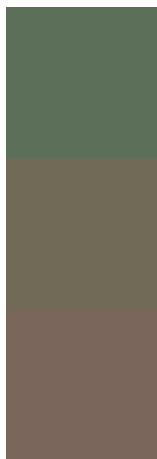


This preview shows how white text looks on a background with the RYB color 89, 112, 109.

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, 112, 109

Protanopia

95, 113, 86

Deuteranopia

122, 108, 91



Tritanopia
97, 104, 117

Trichromacy



Original Color
89, 112, 109

Protanomaly
87, 108, 90

Deuteranomaly
97, 111, 90

Tritanomaly
95, 103, 109

Monochromacy



Original Color
89, 112, 109

Achromatopsia
103, 103, 103

Achromatomaly
98, 106, 105

CSS Examples

Text

The CSS property to change the color of the text to RYB 89, 112, 109 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(92, 112, 89) looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 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(92, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 89) }
```

Border

The CSS property to change the border of an element to RYB 89, 112, 109 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(92, 112, 89) }
```

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

```
.border{ border-color:rgb(92, 112, 89) }
```

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

Here you see how a box with a 4 pixel rgb(92, 112, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 92, 112, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 89) }
```

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

```
.background{ background-color: rgb(92, 112,  
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](#).

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