

Converting Colors

`RYB(101, 110, 112)`

Have a look what the booklet for
RYB(101, 110, 112) contains.

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Color

R_YB(101, 110, 112)

Conversions

Conversions Part 1

Format	Color
Hex	657067
RGB	101, 112, 103
RGB Percent	40%, 44%, 40%
CMY	0.6039, 0.5608, 0.5943
CMYK	0.10, 0.00, 0.08, 0.56
HSL	133°, 5%, 42%
HSV	133°, 10%, 44%
XYZ	13.6316, 15.3433, 15.1923
YIQ	107.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

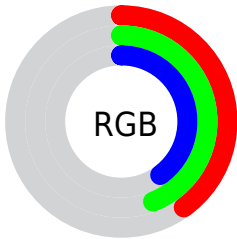
Format	Color
R_{YB}	101, 110, 112
Decimal	6647911
CIE Lab	46.10, -5.95, 3.34
CIE LCh	46, 6.826, 150.733
Yxy	15.3433, 0.3086, 0.3474
Android (android.graphics.Color)	4284837991 (0xFF657067)
YUV	107.6850, -2.3097, -5.8627
Hunter-Lab	39.1705, -6.4293, 4.4236

Details

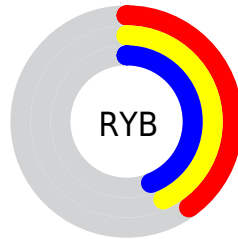
The RYB color **101, 110, 112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112, 101, 110**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **152, 162, 164**, and **54, 62, 64** is the 20% darker color. If you saturate the color by 10%, you get **90, 108, 112**, and if you desaturate by 10%, it is **112, 112, 112**.

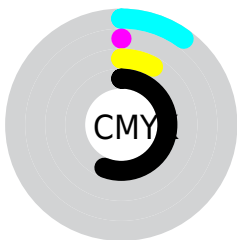
Distribution



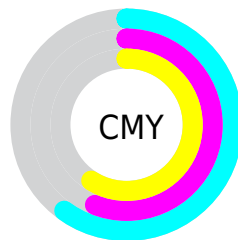
- Red (40%)
- Green (44%)
- Blue (40%)



- Red (40%)
- Yellow (43%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 101, 110, 112 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 101, 110, 112 by changing the saturation by 10% instead.

■ 101, 110, 112

255, 255, 255

■ 152, 162, 164

■ 179, 189, 191

■ 206, 217, 219

■ 234, 245, 247

■ 101, 110, 112

■ 77, 86, 88

■ 54, 62, 64

■ 33, 40, 42

■ 11, 20, 22

■ 0, 0, 0

■ 101, 110, 112

■ 90, 108, 112

■ 79, 106, 112

■ 67, 104, 112

■ 101, 110, 112

■ 112, 112, 112

■ 123, 112, 121

■ 135, 112, 130

■ 56, 101, 112

■ 146, 112, 138

■ 45, 100, 112

■ 157, 112, 147

■ 34, 98, 112

■ 168, 112, 156

■ 23, 96, 112

■ 179, 112, 164

■ 11, 93, 112

■ 191, 112, 173

■ 0, 92, 112

■ 202, 112, 182

Harmonies

Analogous

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



99, 111, 103



101, 110, 112



96, 106, 113

Triad

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



101, 110, 112



103, 108, 120



122, 106, 104

Complementary

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



101, 110, 112



112, 101, 110

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.



121, 105, 109



101, 110, 112



111, 108, 119

Square

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



101, 110, 112



98, 106, 119



117, 106, 115



119, 112, 99

Rectangle

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



101, 110, 112



95, 104, 113



117, 106, 115



122, 105, 105

Sweetspot

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



101, 110, 112



141, 144, 145



101, 112, 103



71, 73, 74



201, 201, 201



74, 74, 74

Same Dimension

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



101, 110, 112



128, 142, 145



101, 107, 112



50, 55, 56



0, 98, 120



0, 202, 247

Inverse Universe

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



112, 101, 110



145, 128, 141



112, 101, 104



56, 50, 55



120, 0, 93



247, 0, 192

Previews

White Background



This preview shows how the RYB color 101, 110, 112 looks on a white background.

Color Contrast Check

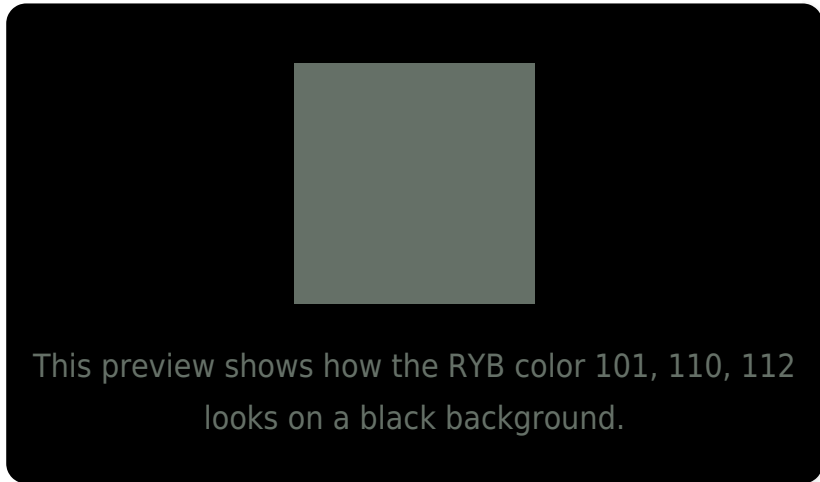
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 101, 110, 112 Background



This preview shows how black text looks on a background with the RYB color 101, 110, 112.

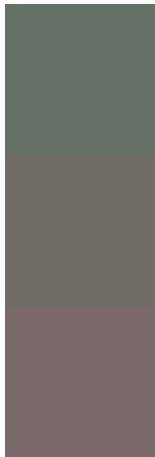


This preview shows how white text looks on a background with the RYB color 101, 110, 112.

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
101, 110, 112

Protanopia
108, 113, 102

Deuteranopia
121, 105, 105



Tritanopia
103, 108, 118

Trichromacy



Original Color

101, 110, 112

Protanomaly

103, 110, 104

Deuteranomaly

114, 111, 104

Tritanomaly

102, 107, 113

Monochromacy



Original Color

101, 110, 112

Achromatopsia

108, 108, 108

Achromatomaly

105, 108, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 101, 110, 112 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(101, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 112, 103)  
}
```

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(101, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 112, 103) }
```

Border

The CSS property to change the border of an element to RYB 101, 110, 112 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(101, 112, 103) }
```

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

```
.border{ border-color:rgb(101, 112, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 112, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 112,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 101, 110, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 112, 103) }
```

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

```
.background{ background-color: rgb(101,  
112, 103) }
```

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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