

Converting Colors

`RYB(107, 111, 117)`

Have a look what the booklet for
RYB(107, 111, 117) contains.

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Color

R_YB(107, 111, 117)

Conversions

Conversions Part 1

Format	Color
Hex	6B7275
RGB	107, 114, 117
RGB Percent	42%, 45%, 46%
CMY	0.5804, 0.5542, 0.5412
CMYK	0.09, 0.03, 0.00, 0.54
HSL	200°, 4%, 44%
HSV	200°, 9%, 46%
XYZ	15.2541, 16.3697, 19.1853
YIQ	112.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

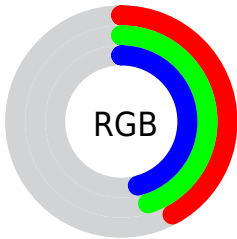
Format	Color
RYB	107, 111, 117
Decimal	7041653
CIELab	47.46, -1.80, -2.72
CIElCh	47, 3.259, 236.509
Yxy	16.3697, 0.3002, 0.3222
Android (android.graphics.Color)	4285231733 (0xFF6B7275)
YUV	112.2490, 2.3422, -4.6034
Hunter-Lab	40.4595, -3.5059, 0.2072

Details

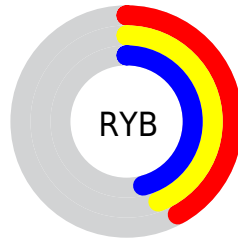
The RYB color **107, 111, 117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117, 111, 107**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **158, 163, 169**, and **60, 64, 69** is the 20% darker color. If you saturate the color by 10%, you get **95, 104, 117**, and if you desaturate by 10%, it is **119, 119, 117**.

Distribution



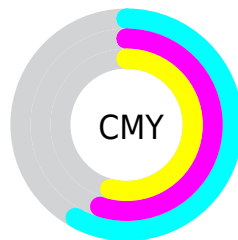
- Red (42%)
- Green (45%)
- Blue (46%)



- Red (42%)
- Yellow (44%)
- Blue (46%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 111, 117 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 107, 111, 117 by changing the saturation by 10% instead.

■ 107, 111, 117

255, 255, 255

■ 158, 162, 169

■ 185, 190, 196

■ 213, 217, 224

■ 241, 246, 253

■ 107, 111, 117

■ 83, 87, 92

■ 60, 64, 69

■ 38, 42, 47

■ 18, 21, 26

■ 0, 0, 0

■ 107, 111, 117

■ 95, 104, 117

■ 84, 97, 117

■ 72, 90, 117

■ 107, 111, 117

■ 119, 119, 117

■ 130, 123, 117

■ 142, 129, 117

■ 60, 83, 117

■ 154, 135, 117

■ 49, 76, 117

■ 166, 141, 117

■ 37, 69, 117

■ 177, 147, 117

■ 25, 62, 117

■ 189, 153, 117

■ 13, 54, 117

■ 201, 159, 117

■ 2, 48, 117

■ 212, 165, 117

Harmonies

Analogous

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



106, 110, 115



107, 111, 117



110, 112, 118

Triad

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



107, 111, 117



118, 111, 113



108, 113, 109

Complementary

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



107, 111, 117



117, 111, 107

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.



112, 115, 107



107, 111, 117



119, 111, 110

Square

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



107, 111, 117



116, 111, 116



118, 112, 108



109, 114, 114

Rectangle

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



107, 111, 117



112, 112, 118



118, 112, 108



107, 113, 107

Sweetspot

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



107, 111, 117



148, 150, 153



107, 115, 117



73, 74, 77



204, 204, 204



77, 77, 77

Same Dimension

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



107, 111, 117



138, 144, 153



107, 109, 117



53, 55, 59



0, 49, 122



0, 100, 250

Inverse Universe

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



117, 107, 114



153, 138, 148



110, 117, 107



59, 53, 57



122, 0, 82



250, 0, 167

Previews

White Background



This preview shows how the RYB color 107, 111, 117 looks on a white background.

Color Contrast Check

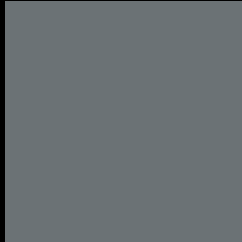
Large Text (above 18pt) WCAG AA ✓ Pass

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 107, 111, 117 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

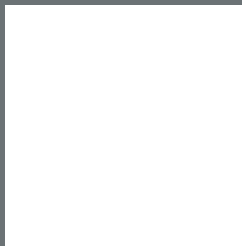
Any Text WCAG AAA × Fail

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

RYB 107, 111, 117 Background



This preview shows how black text looks on a background with the RYB color 107, 111, 117.



This preview shows how white text looks on a background with the RYB color 107, 111, 117.

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
107, 111, 117

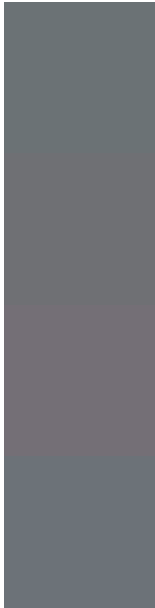
Protanopia
113, 112, 116

Deuteranopia
121, 109, 118



Tritanopia
108, 112, 122

Trichromacy



Original Color

107, 111, 117

Protanomaly

111, 112, 116

Deuteranomaly

116, 111, 118

Tritanomaly

108, 112, 120

Monochromacy



Original Color

107, 111, 117

Achromatopsia

112, 112, 112

Achromatomaly

110, 112, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 111, 117 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(107, 114, 117)` looks like.

```
.text, #text, p{  
    color:rgb(107, 114, 117)  
}
```

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(107, 114, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 114, 117) }
```

Border

The CSS property to change the border of an element to RYB 107, 111, 117 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(107, 114, 117) }
```

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

```
.border{ border-color:rgb(107, 114, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 114, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 114, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 114, 117);  
box-shadow:4px 4px 4px 4px rgb(107, 114,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 107, 111, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 114, 117) }
```

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

```
.background{ background-color: rgb(107,  
114, 117) }
```

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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