

Converting Colors

`RYB(107, 111, 138)`

Have a look what the booklet for
RYB(107, 111, 138) contains.

RYB(107, 111, 138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(107, 111, 138)

Conversions

Conversions Part 1

Format	Color
Hex	6B708A
RGB	107, 112, 138
RGB Percent	42%, 44%, 54%
CMY	0.5804, 0.5624, 0.4588
CMYK	0.22, 0.19, 0.00, 0.46
HSL	231°, 13%, 48%
HSV	231°, 22%, 54%
XYZ	16.4002, 16.4594, 26.3574
YIQ	113.4690, -11.3260, 7.0260

Conversions

Conversions Part 2

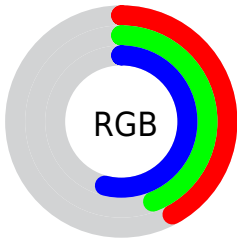
Format	Color
R_{YB}	107, 111, 138
Decimal	7041162
CIE _{Lab}	47.57, 4.34, -15.04
CIE _{LCh}	48, 15.655, 286.113
Yxy	16.4594, 0.2770, 0.2780
Android (android.graphics.Color)	4285231242 (0xFF6B708A)
YUV	113.4690, 12.0938, -5.6733
Hunter-Lab	40.5702, 1.1593, -10.1200

Details

The RYB color **107, 111, 138** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **113, 138, 107**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **159, 163, 191**, and **59, 63, 88** is the 20% darker color. If you saturate the color by 10%, you get **93, 99, 138**, and if you desaturate by 10%, it is **121, 123, 138**.

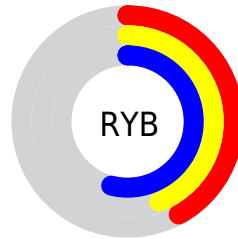
Distribution



Red (42%)

Green (44%)

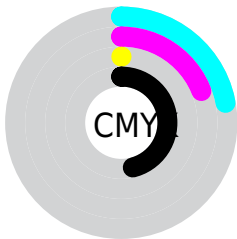
Blue (54%)



Red (42%)

Yellow (44%)

Blue (54%)

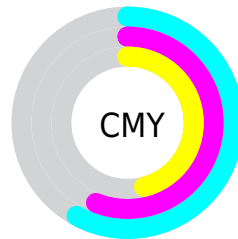


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 111, 138 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, 138 by changing the saturation by 10% instead.

■ 107, 111, 138

255, 255, 255

■ 159, 163, 191

■ 186, 190, 219

■ 214, 218, 248

■ 242, 246, 255

■ 107, 111, 138

■ 82, 86, 113

■ 59, 63, 88

■ 36, 41, 65

■ 15, 21, 42

■ 0, 1, 22

■ 0, 0, 0

■ 107, 111, 138

■ 93, 99, 138

■ 79, 87, 138

■ 107, 111, 138

■ 121, 123, 138

■ 135, 135, 138

■ 66, 75, 138

■ 139, 148, 138

■ 52, 63, 138

■ 141, 162, 138

■ 38, 51, 138

■ 145, 176, 138

■ 24, 39, 138

■ 147, 190, 138

■ 10, 27, 138

■ 150, 204, 138

■ 0, 17, 138

■ 151, 217, 138

■ 154, 231, 138

Harmonies

Analogous

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



90, 107, 138



107, 111, 138



124, 107, 131

Triad

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



107, 111, 138



137, 111, 94



86, 107, 120

Complementary

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



107, 111, 138



113, 138, 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.



94, 118, 112



107, 111, 138



123, 129, 88

Square

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



107, 111, 138



140, 104, 106



88, 115, 87



77, 99, 120

Rectangle

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



107, 111, 138



132, 105, 124



88, 115, 87



91, 111, 119

Sweetspot

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



107, 111, 138



166, 168, 179



107, 124, 138



82, 83, 89



217, 217, 217



89, 89, 89

Same Dimension

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



107, 111, 138



130, 136, 179



118, 107, 138



62, 63, 69



0, 17, 133



0, 1, 5

Inverse Universe

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



138, 107, 112



179, 130, 137



107, 138, 118



69, 62, 63



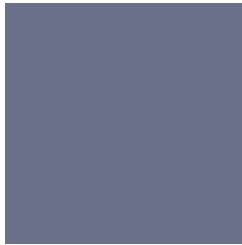
133, 0, 20



5, 0, 1

Previews

White Background



This preview shows how the RYB color 107, 111, 138 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, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

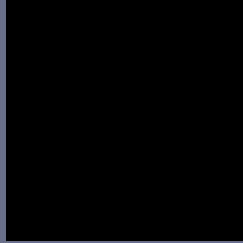
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

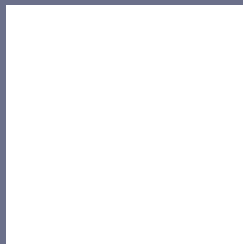
Any Text WCAG AAA × Fail

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

RVB 107, 111, 138 Background



This preview shows how black text looks on a background with the RYB color 107, 111, 138.



This preview shows how white text looks on a background with the RYB color 107, 111, 138.

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](#).

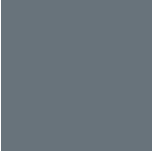
Dichromacy



Original Color
107, 111, 138

Protanopia
107, 111, 138

Deuteranopia
111, 110, 138



Tritanopia
104, 111, 123

Trichromacy



Original Color

107, 111, 138

Protanomaly

107, 111, 138

Deuteranomaly

110, 111, 138

Tritanomaly

105, 111, 128

Monochromacy



Original Color

107, 111, 138

Achromatopsia

113, 113, 113

Achromatomaly

111, 112, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 111, 138 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, 112, 138) looks like.

```
.text, #text, p{  
    color:rgb(107, 112, 138)  
}
```

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, 112, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 138) }
```

Border

The CSS property to change the border of an element to RYB 107, 111, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

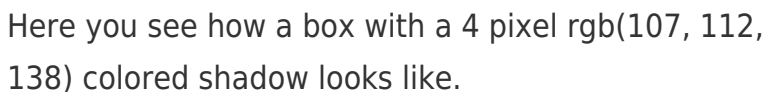
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 112, 138) }
```

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

```
.border{ border-color:rgb(107, 112, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 112, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 138);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 107, 111, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 138) }
```

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

```
.background{ background-color: rgb(107,  
112, 138) }
```

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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