

Converting Colors

`RYB(109, 116, 130)`

Have a look what the booklet for
RYB(109, 116, 130) contains.

RYB(109, 116, 130)	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(109, 116, 130)

Conversions

Conversions Part 1

Format	Color
Hex	6D7882
RGB	109, 120, 130
RGB Percent	43%, 47%, 51%
CMY	0.5725, 0.5314, 0.4902
CMYK	0.16, 0.08, 0.00, 0.49
HSL	210°, 9%, 47%
HSV	210°, 16%, 51%
XYZ	16.9924, 18.1759, 23.7318
YIQ	117.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

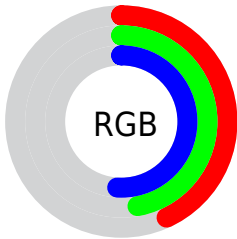
Format	Color
R_{YB}	109, 116, 130
Decimal	7174274
CIE Lab	49.71, -1.56, -7.07
CIE LCh	50, 7.240, 257.586
Yxy	18.1759, 0.2885, 0.3086
Android (android.graphics.Color)	4285364354 (0xFF6D7882)
YUV	117.8510, 5.9895, -7.7623
Hunter-Lab	42.6332, -3.4629, -3.1606

Details

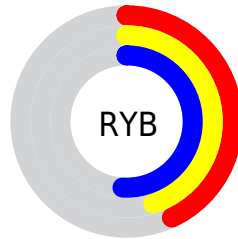
The RYB color **109, 116, 130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **130, 128, 109**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **161, 168, 183**, and **61, 68, 81** is the 20% darker color. If you saturate the color by 10%, you get **96, 107, 130**, and if you desaturate by 10%, it is **122, 125, 130**.

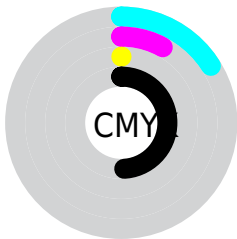
Distribution



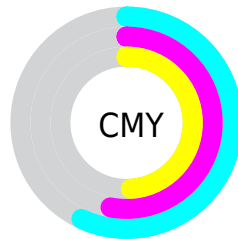
- Red (43%)
- Green (47%)
- Blue (51%)



- Red (43%)
- Yellow (45%)
- Blue (51%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 116, 130 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 109, 116, 130 by changing the saturation by 10% instead.

■ 109, 116, 130

255, 255, 255

■ 161, 168, 183

■ 188, 195, 211

■ 216, 223, 239

■ 244, 250, 255

■ 109, 116, 130

■ 85, 92, 105

■ 61, 68, 81

■ 39, 46, 58

■ 18, 24, 36

■ 0, 1, 15

■ 0, 0, 0

■ 109, 116, 130

■ 96, 107, 130

■ 83, 99, 130

■ 109, 116, 130

■ 122, 125, 130

■ 135, 133, 130

■ 70, 90, 130

■ 148, 148, 130

■ 57, 82, 130

■ 161, 159, 130

■ 44, 73, 130

■ 174, 174, 130

■ 31, 64, 130

■ 187, 185, 130

■ 18, 55, 130

■ 200, 200, 130

■ 5, 47, 130

■ 213, 211, 130

■ 0, 43, 130

■ 226, 226, 130

Harmonies

Analogous

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



104, 114, 127



109, 116, 130



116, 117, 130

Triad

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



109, 116, 130



132, 114, 115



110, 121, 119

Complementary

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



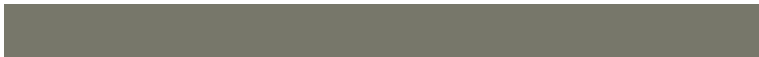
109, 116, 130



130, 128, 109

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.



106, 119, 106



109, 116, 130



130, 117, 109

Square

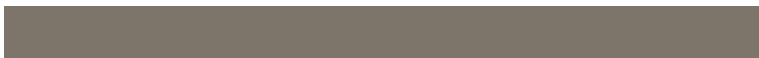
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109, 116, 130



129, 114, 121



122, 126, 106



106, 116, 122

Rectangle

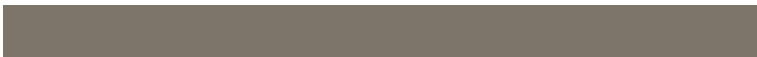
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109, 116, 130



121, 116, 128



122, 126, 106



108, 120, 113

Sweetspot

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



109, 116, 130



160, 163, 168



109, 123, 130



79, 81, 84



212, 212, 212



84, 84, 84

Same Dimension

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



109, 116, 130



136, 147, 168



109, 109, 130



57, 60, 64



0, 43, 128



0, 0, 0

Inverse Universe

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



130, 109, 120



168, 136, 152



109, 130, 109



64, 57, 61



128, 0, 64



0, 0, 0

Previews

White Background



This preview shows how the RYB color 109, 116, 130 looks on a white background.

Color Contrast Check

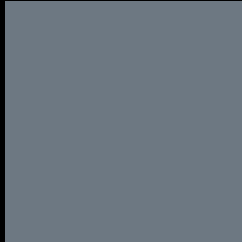
Large Text (above 18pt) WCAG AA ✓ Pass

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 109, 116, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

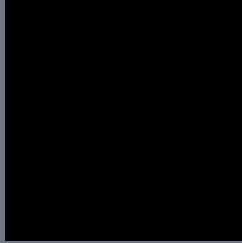
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

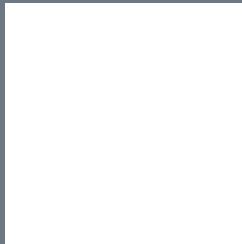
Any Text WCAG AAA × Fail

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

RYB 109, 116, 130 Background



This preview shows how black text looks on a background with the RYB color 109, 116, 130.



This preview shows how white text looks on a background with the RYB color 109, 116, 130.

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

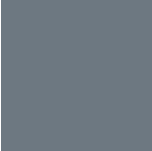
[109](#), [116](#), [130](#)

Protanopia

[117](#), [117](#), [129](#)

Deuteranopia

[124](#), [115](#), [131](#)



Tritanopia
109, 116, 129

Trichromacy



Original Color

109, 116, 130

Protanomaly

114, 117, 129

Deuteranomaly

119, 117, 131

Tritanomaly

109, 116, 129

Monochromacy



Original Color

109, 116, 130

Achromatopsia

118, 118, 118

Achromatomaly

115, 118, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 116, 130 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(109, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(109, 120, 130)  
}
```

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(109, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 120, 130) }
```

Border

The CSS property to change the border of an element to RYB 109, 116, 130 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(109, 120, 130) }
```

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

```
.border{ border-color:rgb(109, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(109, 120,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 109, 116, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 120, 130) }
```

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

```
.background{ background-color: rgb(109,  
120, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor