

Converting Colors

`RYB(108, 124, 140)`

Have a look what the booklet for
RYB(108, 124, 140) contains.

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Color

`RYB(108, 124, 140)`

Conversions

Conversions Part 1

Format	Color
Hex	6C8C8C
RGB	108, 140, 140
RGB Percent	42%, 55%, 55%
CMY	0.5765, 0.4510, 0.4510
CMYK	0.23, 0.00, 0.00, 0.45
HSL	180°, 13%, 49%
HSV	180°, 23%, 55%
XYZ	20.2960, 23.8378, 28.3424
YIQ	130.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

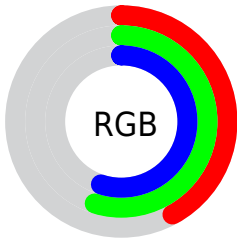
Format	Color
R _{YB}	108, 124, 140
Decimal	7113868
CIE _{Lab}	55.92, -11.17, -3.69
CIE _{LCh}	56, 11.760, 198.290
Yxy	23.8378, 0.2800, 0.3289
Android (android.graphics.Color)	4285303948 (0xFF6C8C8C)
YUV	130.4320, 4.7170, -19.6729
Hunter-Lab	48.8239, -11.2396, -0.2412

Details

The RYB color **108, 124, 140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **140, 108, 108**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **160, 177, 194**, and **59, 75, 90** is the 20% darker color. If you saturate the color by 10%, you get **94, 117, 140**, and if you desaturate by 10%, it is **122, 131, 140**.

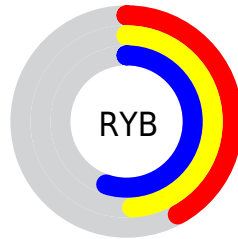
Distribution



Red (42%)

Green (55%)

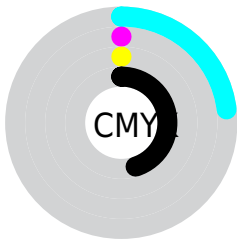
Blue (55%)



Red (42%)

Yellow (49%)

Blue (55%)

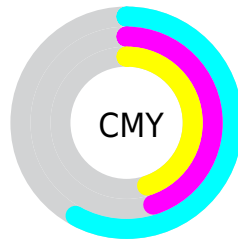


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 124, 140 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 108, 124, 140 by changing the saturation by 10% instead.

 108, 124, 140

255, 255, 255

 160, 177, 194

 187, 205, 222

 215, 233, 250


 244, 250, 255


 108, 124, 140

 83, 99, 115

 59, 75, 90


 36, 51, 67


 13, 29, 45

 0, 12, 24


 0, 0, 0

 108, 124, 140

 94, 117, 140

 80, 110, 140

 108, 124, 140

 122, 131, 140

 136, 138, 140

■ 66, 103, 140

■ 150, 140, 140

■ 52, 96, 140

■ 164, 140, 140

■ 38, 89, 140

■ 178, 140, 140

■ 24, 82, 140

■ 192, 140, 140

■ 10, 75, 140

■ 206, 140, 140

■ 0, 70, 140

■ 220, 140, 140

■ 234, 140, 140

Harmonies

Analogous

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



114, 130, 140



108, 124, 140



110, 127, 149

Triad

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



108, 124, 140



143, 130, 148



139, 146, 114

Complementary

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



108, 124, 140



140, 108, 108

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.



154, 133, 119



108, 124, 140



152, 127, 138

Square

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



108, 124, 140



131, 133, 153



156, 127, 128



116, 136, 115

Rectangle

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



108, 124, 140



115, 129, 153



156, 127, 128



149, 145, 115

Sweetspot

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



108, 124, 140



168, 175, 181



108, 140, 140



84, 88, 92



219, 219, 219



92, 92, 92

Same Dimension

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



108, 124, 140



132, 157, 181



108, 119, 140



62, 66, 69



0, 67, 133



0, 3, 5

Inverse Universe

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



140, 108, 140



181, 132, 181



140, 140, 108



69, 62, 69



133, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 108, 124, 140 looks on a white 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

Black Background



This preview shows how the RYB color 108, 124, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

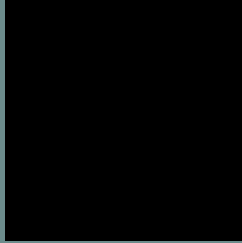
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

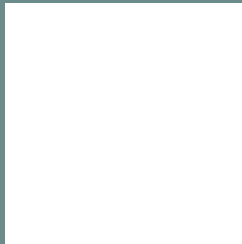
Any Text WCAG AAA × Fail

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

R Y B 108, 124, 140 Background



This preview shows how black text looks on a background with the R Y B color 108, 124, 140.

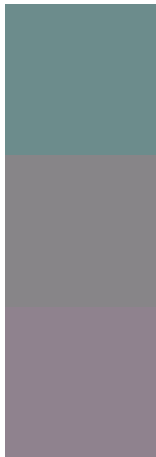


This preview shows how white text looks on a background with the R Y B color 108, 124, 140.

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
108, 124, 140

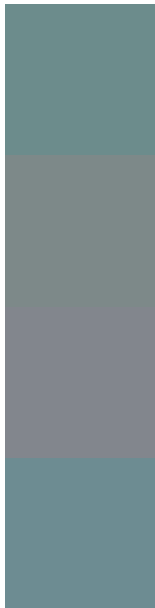
Protanopia
135, 133, 136

Deuteranopia
143, 130, 142



Tritanopia
110, 127, 150

Trichromacy



Original Color

108, 124, 140

Protanomaly

125, 131, 137

Deuteranomaly

130, 133, 141

Tritanomaly

109, 126, 146

Monochromacy



Original Color

108, 124, 140

Achromatopsia

130, 130, 130

Achromatomaly

122, 128, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 124, 140 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(108, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(108, 140, 140)  
}
```

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(108, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 140, 140) }
```

Border

The CSS property to change the border of an element to RYB 108, 124, 140 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(108, 140, 140) }
```

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

```
.border{ border-color:rgb(108, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(108, 140,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 108, 124, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 140, 140) }
```

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

```
.background{ background-color: rgb(108,  
140, 140) }
```

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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