

Converting Colors

`RYB(108, 144, 175)`

Have a look what the booklet for
RYB(108, 144, 175) contains.

RYB(108, 144, 175)	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(108, 144, 175)

Conversions

Conversions Part 1

Format	Color
Hex	6CAFA6
RGB	108, 175, 166
RGB Percent	42%, 69%, 65%
CMY	0.5765, 0.3137, 0.3502
CMYK	0.38, 0.00, 0.05, 0.31
HSL	172°, 30%, 55%
HSV	172°, 38%, 69%
XYZ	28.3692, 36.5901, 41.4970
YIQ	153.9410, -37.0430, -17.0030

Conversions

Conversions Part 2

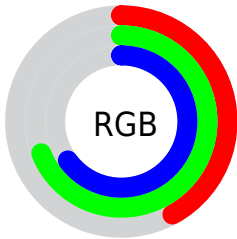
Format	Color
RYB	108, 144, 175
Decimal	7122854
CIELab	66.97, -23.47, -1.96
CIELCh	67, 23.555, 184.763
Yxy	36.5901, 0.2665, 0.3437
Android (android.graphics.Color)	4285312934 (0xFF6CAFA6)
YUV	153.9410, 5.9451, -40.2903
Hunter-Lab	60.4897, -22.1418, 1.6689

Details

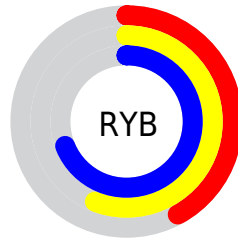
The RYB color **108, 144, 175** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **175, 108, 117**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **162, 199, 231**, and **55, 91, 122** is the 20% darker color. If you saturate the color by 10%, you get **91, 136, 175**, and if you desaturate by 10%, it is **126, 152, 175**.

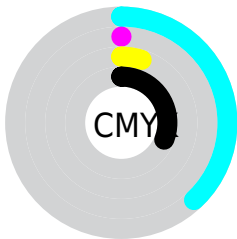
Distribution



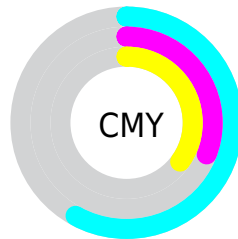
- Red (42%)
- Green (69%)
- Blue (65%)



- Red (42%)
- Yellow (56%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 144, 175 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, 144, 175 by changing the saturation by 10% instead.

 108, 144, 175


255, 255, 255


 162, 199, 231

 190, 224, 255

 219, 237, 255


 248, 252, 255

 108, 144, 175


 82, 117, 148

 55, 91, 122

 26, 64, 97


 0, 38, 73


 0, 27, 50


 0, 17, 30


 0, 0, 0

 108, 144, 175


 91, 136, 175


 108, 144, 175


 126, 152, 175

 73, 128, 175


 143, 160, 175

 55, 120, 175

 161, 169, 175


 38, 112, 175

 178, 175, 175


 20, 103, 175

 195, 175, 178

 3, 95, 175

 213, 175, 180

 0, 94, 175

 231, 175, 183

 248, 175, 185

 255, 175, 188

Harmonies

Analogous

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



128, 161, 173



108, 144, 175



101, 140, 186

Triad

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



108, 144, 175



171, 156, 198



194, 181, 125

Complementary

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



108, 144, 175



175, 108, 117

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.



205, 152, 140



108, 144, 175



193, 150, 181

Square

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



108, 144, 175



142, 158, 205



205, 148, 160



136, 175, 121

Rectangle

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



108, 144, 175



108, 145, 197



205, 148, 160



199, 166, 129

Sweetspot

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



108, 144, 175



202, 216, 227



108, 175, 165



100, 108, 115



242, 242, 242



115, 115, 115

Same Dimension

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



108, 144, 175



123, 179, 227



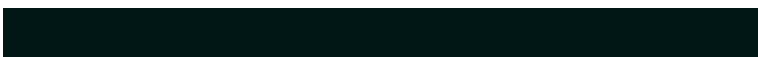
108, 135, 175



78, 83, 87



0, 80, 150



0, 12, 23

Inverse Universe

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



175, 108, 117



227, 123, 137



175, 143, 108



87, 78, 79



150, 0, 21



23, 0, 3

Previews

White Background



This preview shows how the RYB color 108, 144, 175 looks on a white background.

Color Contrast Check

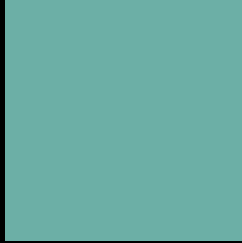
Large Text (above 18pt) WCAG AA × Fail

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, 144, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

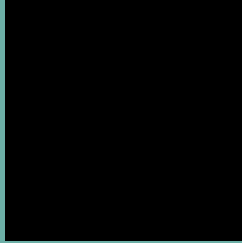
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 108, 144, 175 Background



This preview shows how black text looks on a background with the RYB color 108, 144, 175.

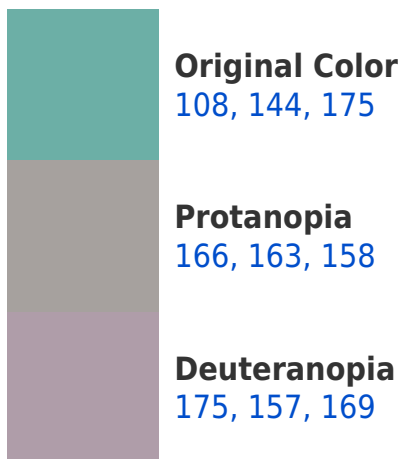


This preview shows how white text looks on a background with the RYB color 108, 144, 175.

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





Tritanopia
113, 146, 186

Trichromacy



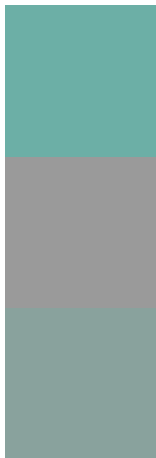
Original Color
108, 144, 175

Protanomaly
145, 157, 166

Deuteranomaly
151, 158, 168

Tritanomaly
111, 143, 179

Monochromacy



Original Color
108, 144, 175

Achromatopsia
154, 154, 154

Achromatomaly
137, 151, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 144, 175 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, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(108, 175, 166)  
}
```

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, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 175, 166) }
```

Border

The CSS property to change the border of an element to RYB 108, 144, 175 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, 175, 166) }
```

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

```
.border{ border-color:rgb(108, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(108, 175,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 108, 144, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 175, 166) }
```

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

```
.background{ background-color: rgb(108,  
175, 166) }
```

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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