

Converting Colors

`RYB(95, 138, 175)`

Have a look what the booklet for
RYB(95, 138, 175) contains.

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Color

`RYB(95, 138, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	5FAFA4
RGB	95, 175, 164
RGB Percent	37%, 69%, 64%
CMY	0.6275, 0.3137, 0.3575
CMYK	0.46, 0.00, 0.06, 0.31
HSL	172°, 33%, 53%
HSV	172°, 46%, 69%
XYZ	26.7354, 35.7673, 40.5396
YIQ	149.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

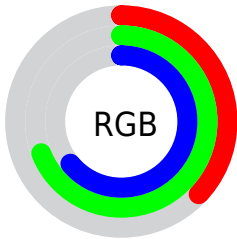
Format	Color
RYB	95, 138, 175
Decimal	6270884
CIELab	66.34, -27.31, -1.91
CIELCh	66, 27.381, 184.005
Yxy	35.7673, 0.2595, 0.3471
Android (android.graphics.Color)	4284460964 (0xFF5FAFA4)
YUV	149.8260, 6.9878, -48.0824
Hunter-Lab	59.8058, -24.8639, 1.6740

Details

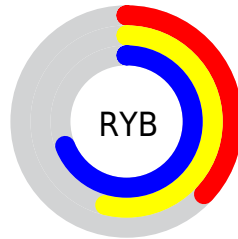
The RYB color **95, 138, 175** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **175, 95, 106**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **150, 194, 231**, and **38, 83, 122** is the 20% darker color. If you saturate the color by 10%, you get **78, 130, 175**, and if you desaturate by 10%, it is **113, 146, 175**.

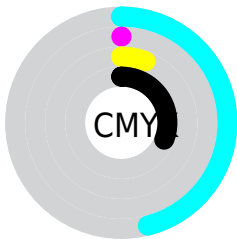
Distribution



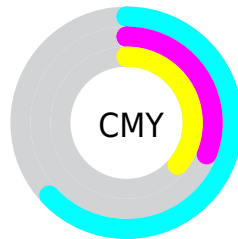
- Red (37%)
- Green (69%)
- Blue (64%)



- Red (37%)
- Yellow (54%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)




- Cyan (63%)
- Magenta (31%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 95, 138, 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 95, 138, 175 by changing the saturation by 10% instead.

 95, 138, 175


255, 255, 255


 150, 194, 231

 178, 219, 255

 207, 231, 255

 236, 246, 255

 95, 138, 175


 67, 110, 148

 38, 83, 122


 0, 51, 97


 0, 39, 73


 0, 27, 50

 0, 18, 31

 0, 0, 0

 95, 138, 175

 78, 130, 175

 95, 138, 175

 113, 146, 175

■ 60, 122, 175

■ 130, 154, 175

■ 42, 113, 175

■ 148, 163, 175

■ 25, 106, 175

■ 165, 170, 175

■ 7, 97, 175

■ 183, 175, 176

■ 0, 94, 175

■ 200, 175, 178

■ 218, 175, 181

■ 235, 175, 183

■ 253, 175, 186

Harmonies

Analogous

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



120, 159, 173



95, 138, 175



84, 132, 188

Triad

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



95, 138, 175



169, 154, 202



197, 178, 118

Complementary

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



95, 138, 175



175, 95, 106

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.



209, 148, 135



95, 138, 175



196, 146, 183

Square

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



95, 138, 175



135, 155, 210



209, 143, 159



132, 176, 112

Rectangle

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



95, 138, 175



93, 138, 200



209, 143, 159



202, 165, 122

Sweetspot

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



95, 138, 175



195, 212, 227



95, 175, 163



95, 106, 115



242, 242, 242



115, 115, 115

Same Dimension

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



95, 138, 175



102, 169, 227



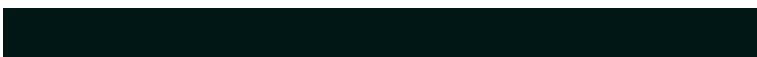
95, 127, 175



78, 83, 87



0, 81, 150



0, 12, 23

Inverse Universe

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



175, 95, 106



227, 102, 120



175, 138, 95



87, 78, 79



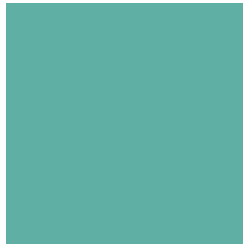
150, 0, 21



23, 0, 3

Previews

White Background



This preview shows how the RYB color 95, 138, 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 95, 138, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

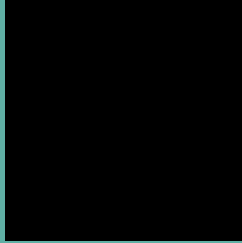
Any Text WCAG AA ✓ Pass

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](#).

R Y B 95, 138, 175 Background



This preview shows how black text looks on a background with the RYB color 95, 138, 175.

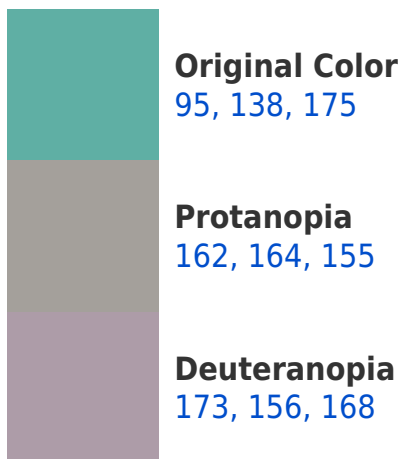


This preview shows how white text looks on a background with the RYB color 95, 138, 175.

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
101, 140, 186

Trichromacy



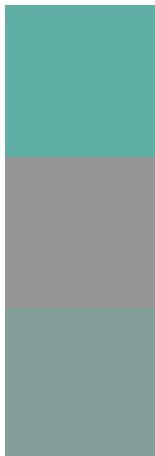
Original Color
95, 138, 175

Protanomaly
139, 154, 165

Deuteranomaly
145, 155, 166

Tritanomaly
99, 137, 178

Monochromacy



Original Color
95, 138, 175

Achromatopsia
150, 150, 150

Achromatomaly
130, 146, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 138, 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(95, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(95, 175, 164)  
}
```

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(95, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 175, 164) }
```

Border

The CSS property to change the border of an element to RYB 95, 138, 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(95, 175, 164) }
```

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

```
.border{ border-color:rgb(95, 175, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(95, 175,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 95, 138, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 175, 164) }
```

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

```
.background{ background-color: rgb(95, 175,  
164) }
```

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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