

Converting Colors

`RYB(115, 156, 175)`

Have a look what the booklet for
RYB(115, 156, 175) contains.

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Color

`RYB(115, 156, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	73AF8F
RGB	115, 175, 143
RGB Percent	45%, 69%, 56%
CMY	0.5490, 0.3137, 0.4400
CMYK	0.34, 0.00, 0.18, 0.31
HSL	148°, 27%, 57%
HSV	148°, 34%, 69%
XYZ	27.3434, 36.2820, 31.4712
YIQ	153.4120, -25.4880, -22.6720

Conversions

Conversions Part 2

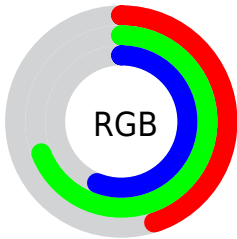
Format	Color
RYB	115, 156, 175
Decimal	7581583
CIELab	66.73, -26.54, 10.41
CIElCh	67, 28.513, 158.584
Yxy	36.2820, 0.2875, 0.3815
Android (android.graphics.Color)	4285771663 (0xFF73AF8F)
YUV	153.4120, -5.1331, -33.6873
Hunter-Lab	60.2346, -24.3808, 11.1866

Details

The RYB color **115, 156, 175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **175, 115, 147**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **169, 212, 231**, and **64, 103, 122** is the 20% darker color. If you saturate the color by 10%, you get **98, 151, 175**, and if you desaturate by 10%, it is **133, 162, 175**.

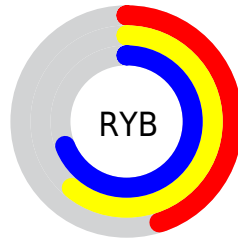
Distribution



Red (45%)

Green (69%)

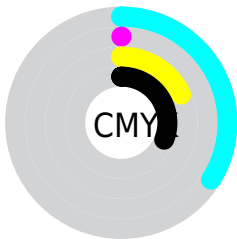
Blue (56%)



Red (45%)

Yellow (61%)

Blue (69%)

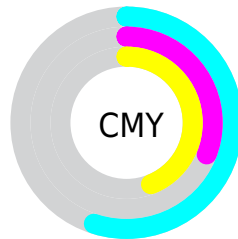


Cyan (34%)

Magenta (0%)

Yellow (18%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 156, 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 115, 156, 175 by changing the saturation by 10% instead.

 115, 156, 175

255, 255, 255


 169, 212, 231

 197, 236, 255


 225, 241, 255


254, 255, 255

 115, 156, 175

 98, 151, 175

 115, 156, 175


 89, 129, 148

 64, 103, 122

 38, 77, 97

 8, 49, 73


 0, 33, 50


 0, 31, 31


 0, 0, 0


 115, 156, 175


 133, 162, 175

 80, 145, 175


 150, 167, 175

 63, 139, 175


 168, 173, 175


 45, 134, 175

 185, 175, 180


 28, 129, 175

 203, 175, 190

 10, 123, 175

 220, 175, 199

 0, 120, 175

 238, 175, 209

 255, 175, 218

 255, 175, 227

Harmonies

Analogous

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



122, 170, 147



115, 156, 175



89, 135, 177

Triad

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



115, 156, 175



140, 157, 213



211, 151, 132

Complementary

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



115, 156, 175



175, 115, 147

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.



213, 143, 156



115, 156, 175



175, 153, 202

Square

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



115, 156, 175



103, 144, 209



201, 146, 182



196, 190, 115

Rectangle

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



115, 156, 175



81, 131, 186



201, 146, 182



213, 146, 139

Sweetspot

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



115, 156, 175



204, 220, 227



115, 175, 142



101, 111, 115



242, 242, 242



115, 115, 115

Same Dimension

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



115, 156, 175



134, 198, 227



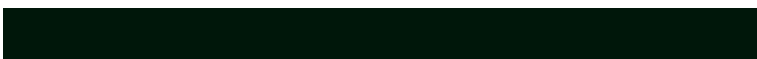
115, 146, 175



78, 84, 87



0, 102, 150



0, 16, 23

Inverse Universe

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



175, 115, 147



227, 134, 184



175, 115, 118



87, 78, 83



150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RYB color 115, 156, 175 looks on a white background.

Color Contrast Check

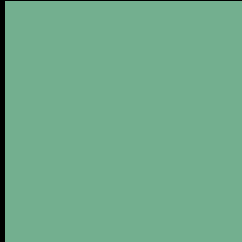
Large Text (above 18pt) WCAG AA × Fail

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 115, 156, 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 115, 156, 175 Background



This preview shows how black text looks on a background with the RYB color 115, 156, 175.

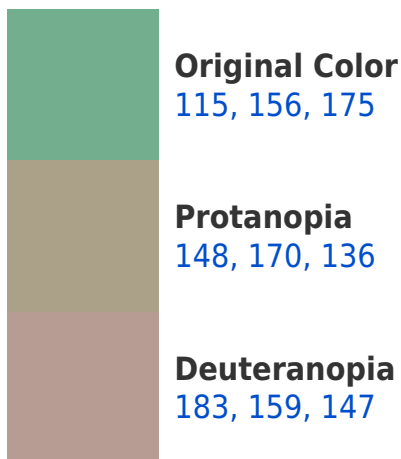


This preview shows how white text looks on a background with the RYB color 115, 156, 175.

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
124, 150, 183

Trichromacy



Original Color
115, 156, 175

Protanomaly
138, 166, 154

Deuteranomaly
145, 163, 150

Tritanomaly
121, 147, 171

Monochromacy



Original Color
115, 156, 175

Achromatopsia
153, 153, 153

Achromatomaly
139, 154, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 156, 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(115, 175, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 143)  
}
```

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(115, 175, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 143) }
```

Border

The CSS property to change the border of an element to RYB 115, 156, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

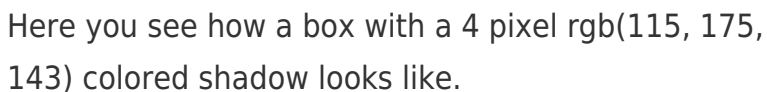
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 175, 143) }
```

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

```
.border{ border-color:rgb(115, 175, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 175, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 175, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 175, 143); box-shadow:4px 4px 4px 4px rgb(115, 175, 143) }
```

Background

The CSS property to change the background color of an element to RYB 115, 156, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 143) }
```

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

```
.background{ background-color: rgb(115,  
175, 143) }
```

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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