

Converting Colors

`RYB(119, 145, 175)`

Have a look what the booklet for
RYB(119, 145, 175) contains.

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Color

R_YB(119, 145, 175)

Conversions

Conversions Part 1

Format	Color
Hex	77A8AF
RGB	119, 168, 175
RGB Percent	47%, 66%, 69%
CMY	0.5333, 0.3430, 0.3137
CMYK	0.32, 0.04, 0.00, 0.31
HSL	188°, 26%, 58%
HSV	188°, 32%, 69%
XYZ	29.2622, 34.8503, 45.7419
YIQ	154.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

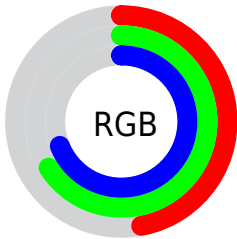
Format	Color
R _Y B	119, 145, 175
Decimal	7841967
CIE Lab	65.63, -14.24, -9.04
CIE LCh	66, 16.872, 212.416
Yxy	34.8503, 0.2664, 0.3172
Android (android.graphics.Color)	4286032047 (0xFF77A8AF)
YUV	154.1470, 10.2805, -30.8239
Hunter-Lab	59.0342, -14.8304, -4.6162

Details

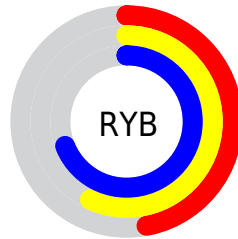
The RYB color **119, 145, 175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **175, 127, 119**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **173, 200, 231**, and **67, 93, 123** is the 20% darker color. If you saturate the color by 10%, you get **102, 136, 175**, and if you desaturate by 10%, it is **137, 155, 175**.

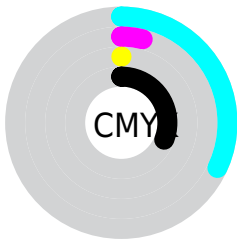
Distribution



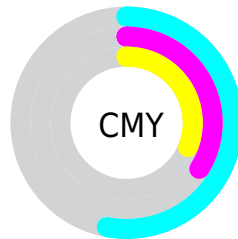
- Red (47%)
- Green (66%)
- Blue (69%)



- Red (47%)
- Yellow (57%)
- Blue (69%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 145, 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 119, 145, 175 by changing the saturation by 10% instead.


 119, 145, 175


255, 255, 255

 173, 200, 231

 201, 227, 255

 229, 242, 255

 119, 145, 175


 93, 119, 148

 68, 93, 123

 42, 68, 98

 14, 42, 74


 0, 24, 51

 0, 14, 30

 0, 0, 4

 0, 0, 0

 119, 145, 175

 119, 145, 175

■ 102, 136, 175

■ 137, 155, 175

■ 84, 126, 175

■ 154, 164, 175

■ 67, 117, 175

■ 171, 173, 175

■ 49, 107, 175

■ 189, 177, 175

■ 32, 98, 175

■ 207, 180, 175

■ 14, 89, 175

■ 224, 183, 175

■ 0, 81, 175

■ 242, 185, 175

■ 255, 188, 175

■ 255, 192, 175

Harmonies

Analogous

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



123, 148, 168



119, 145, 175



127, 150, 186

Triad

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



119, 145, 175



180, 151, 174



144, 170, 129

Complementary

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



119, 145, 175



175, 127, 119

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.



183, 169, 133



119, 145, 175



190, 149, 159

Square

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



119, 145, 175



164, 155, 185



191, 151, 144



134, 163, 144

Rectangle

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



119, 145, 175



138, 154, 189



191, 151, 144



160, 175, 130

Sweetspot

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



119, 145, 175



204, 215, 227



119, 169, 175



101, 107, 115



242, 242, 242



115, 115, 115

Same Dimension

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



119, 145, 175



141, 181, 227



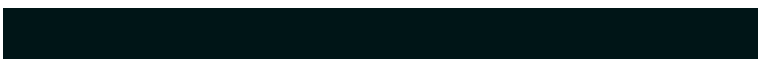
119, 134, 175



78, 82, 87



0, 70, 150



0, 11, 23

Inverse Universe

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



175, 119, 168



227, 141, 215



153, 175, 119



87, 78, 86



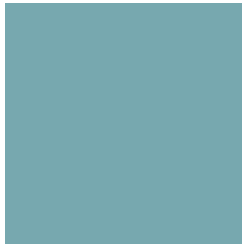
150, 0, 130



23, 0, 20

Previews

White Background



This preview shows how the RYB color 119, 145, 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 119, 145, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

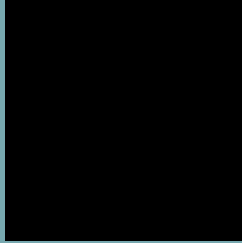
Any Text WCAG AA ✓ Pass

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 119, 145, 175 Background



This preview shows how black text looks on a background with the RYB color 119, 145, 175.



This preview shows how white text looks on a background with the RYB color 119, 145, 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
120, 146, 180

Trichromacy



Original Color

119, 145, 175

Protanomaly

144, 154, 171

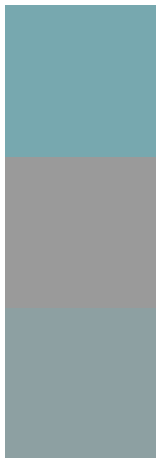
Deuteranomaly

148, 156, 177

Tritanomaly

120, 146, 178

Monochromacy



Original Color

119, 145, 175

Achromatopsia

154, 154, 154

Achromatomaly

141, 151, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 145, 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(119, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 175)  
}
```

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(119, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 175) }
```

Border

The CSS property to change the border of an element to RYB 119, 145, 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(119, 168, 175) }
```

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

```
.border{ border-color:rgb(119, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 168, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 168, 175); box-shadow:4px 4px 4px 4px rgb(119, 168, 175) }
```

Background

The CSS property to change the background color of an element to RYB 119, 145, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 175) }
```

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

```
.background{ background-color: rgb(119,  
168, 175) }
```

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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