

Converting Colors

`RYB(117, 144, 169)`

Have a look what the booklet for
RYB(117, 144, 169) contains.

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Color

R_{YB}(117, 144, 169)

Conversions

Conversions Part 1

Format	Color
Hex	75A9A5
RGB	117, 169, 165
RGB Percent	46%, 66%, 65%
CMY	0.5412, 0.3373, 0.3524
CMYK	0.31, 0.00, 0.02, 0.34
HSL	176°, 23%, 56%
HSV	176°, 31%, 66%
XYZ	28.3291, 34.8799, 40.9074
YIQ	152.9960, -29.7080, -12.2680

Conversions

Conversions Part 2

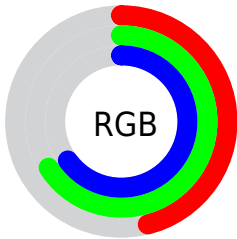
Format	Color
RYB	117, 144, 169
Decimal	7711141
CIELab	65.66, -17.97, -3.53
CIElCh	66, 18.314, 191.114
Yxy	34.8799, 0.2721, 0.3350
Android (android.graphics.Color)	4285901221 (0xFF75A9A5)
YUV	152.9960, 5.9180, -31.5685
Hunter-Lab	59.0592, -17.7318, 0.2741

Details

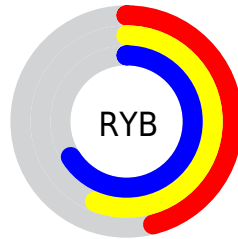
The RYB color **117, 144, 169** is a light color, and the websafe version is hex **669999**. A complement of this color would be **169, 117, 121**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **171, 199, 224**, and **66, 93, 117** is the 20% darker color. If you saturate the color by 10%, you get **100, 136, 169**, and if you desaturate by 10%, it is **134, 152, 169**.

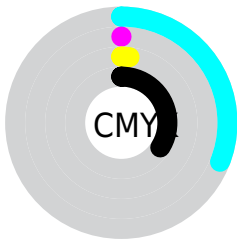
Distribution



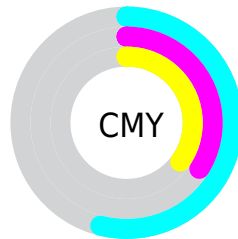
- Red (46%)
- Green (66%)
- Blue (65%)



- Red (46%)
- Yellow (56%)
- Blue (66%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (54%)
- Magenta (34%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the RYB color 117, 144, 169 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 117, 144, 169 by changing the saturation by 10% instead.

 117, 144, 169


255, 255, 255

 171, 199, 224

 199, 227, 253

 227, 241, 255

 117, 144, 169

 91, 117, 142

 66, 93, 117

 40, 67, 92

 12, 41, 68


 0, 24, 46


 0, 14, 26

 0, 0, 0

 117, 144, 169

 100, 136, 169

 117, 144, 169

 134, 152, 169

■ 83, 128, 169

■ 151, 160, 169

■ 66, 120, 169

■ 168, 169, 169

■ 49, 111, 169

■ 185, 169, 170

■ 32, 103, 169

■ 201, 169, 171

■ 16, 95, 169

■ 218, 169, 173

■ 0, 88, 169

■ 235, 169, 174

■ 252, 169, 175

■ 255, 169, 176

Harmonies

Analogous

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



129, 155, 168



117, 144, 169



116, 145, 180

Triad

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



117, 144, 169



170, 153, 184



182, 180, 129

Complementary

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



117, 144, 169



169, 117, 121

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.



192, 153, 139



117, 144, 169



186, 149, 170

Square

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



117, 144, 169



149, 157, 191



193, 148, 154



134, 166, 127

Rectangle

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



117, 144, 169



123, 149, 188



193, 148, 154



186, 168, 131

Sweetspot

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



117, 144, 169



200, 210, 219



117, 169, 165



98, 104, 110



237, 237, 237



110, 110, 110

Same Dimension

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



117, 144, 169



138, 180, 219



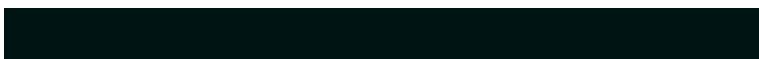
117, 136, 169



76, 80, 84



0, 77, 148



0, 10, 20

Inverse Universe

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



169, 117, 121



219, 138, 144



169, 155, 117



84, 76, 76



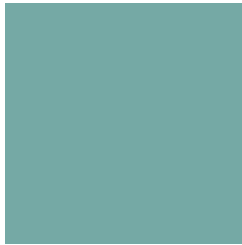
148, 0, 11



20, 0, 2

Previews

White Background



This preview shows how the RYB color 117, 144, 169 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 117, 144, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

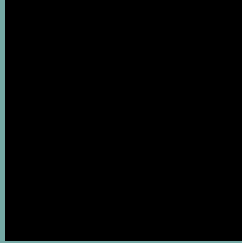
Any Text WCAG AA ✓ Pass

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 117, 144, 169 Background



This preview shows how black text looks on a background with the R Y B color 117, 144, 169.



This preview shows how white text looks on a background with the R Y B color 117, 144, 169.

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](#).

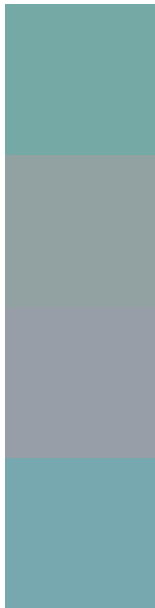
Dichromacy





Tritanopia
120, 146, 180

Trichromacy



Original Color

117, 144, 169

Protanomaly

146, 154, 162

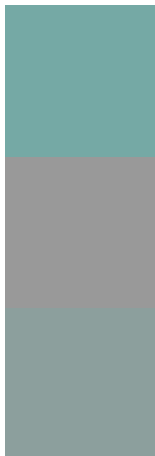
Deuteranomaly

151, 156, 167

Tritanomaly

119, 145, 175

Monochromacy



Original Color

117, 144, 169

Achromatopsia

153, 153, 153

Achromatomaly

140, 150, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 117, 144, 169 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(117, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(117, 169, 165)  
}
```

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(117, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 169, 165) }
```

Border

The CSS property to change the border of an element to RYB 117, 144, 169 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(117, 169, 165) }
```

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

```
.border{ border-color:rgb(117, 169, 165) }
```

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

Here you see how a box with a 4 pixel rgb(117, 169, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(117, 169,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 117, 144, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 169, 165) }
```

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

```
.background{ background-color: rgb(117,  
169, 165) }
```

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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