

Converting Colors

`RYB(119, 141, 164)`

Have a look what the booklet for
RYB(119, 141, 164) contains.

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Color

R_YB(119, 141, 164)

Conversions

Conversions Part 1

Format	Color
Hex	77A2A4
RGB	119, 162, 164
RGB Percent	47%, 64%, 64%
CMY	0.5333, 0.3645, 0.3569
CMYK	0.27, 0.01, 0.00, 0.36
HSL	183°, 20%, 55%
HSV	183°, 27%, 64%
XYZ	27.2366, 32.4583, 39.9515
YIQ	149.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

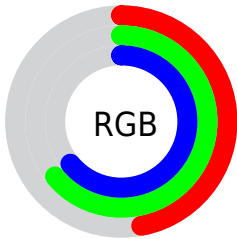
Format	Color
RYB	119, 141, 164
Decimal	7840420
CIELab	63.72, -13.98, -5.73
CIElCh	64, 15.109, 202.302
Yxy	32.4583, 0.2733, 0.3257
Android (android.graphics.Color)	4286030500 (0xFF77A2A4)
YUV	149.3710, 7.2121, -26.6354
Hunter-Lab	56.9721, -14.3661, -1.6964

Details

The RYB color **119, 141, 164** is a light color, and the websafe version is hex **669999**. A complement of this color would be **164, 121, 119**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **172, 195, 219**, and **68, 89, 112** is the 20% darker color. If you saturate the color by 10%, you get **103, 133, 164**, and if you desaturate by 10%, it is **135, 149, 164**.

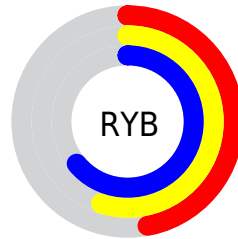
Distribution



Red (47%)

Green (64%)

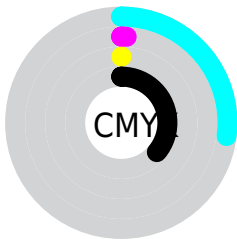
Blue (64%)



Red (47%)

Yellow (55%)

Blue (64%)

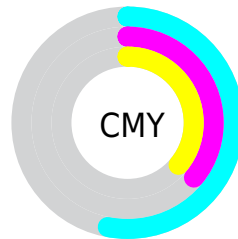


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 141, 164 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, 141, 164 by changing the saturation by 10% instead.

 119, 141, 164


255, 255, 255

 172, 195, 219

 200, 223, 247

 229, 242, 255

 119, 141, 164


 93, 115, 138

 68, 89, 112

 44, 65, 88

 19, 41, 65

 0, 21, 43


 0, 11, 22

 0, 0, 0

 119, 141, 164

 103, 133, 164

 119, 141, 164

 135, 149, 164

86, 124, 164

152, 158, 164

70, 116, 164

168, 164, 164

53, 107, 164

185, 165, 164

37, 99, 164

201, 166, 164

21, 91, 164

217, 166, 164

4, 82, 164

234, 167, 164

0, 80, 164

250, 168, 164

255, 168, 164

Harmonies

Analogous

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



126, 148, 162



119, 141, 164



122, 144, 175

Triad

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



119, 141, 164



169, 148, 171



155, 168, 128

Complementary

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



119, 141, 164



164, 121, 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.



179, 154, 134



119, 141, 164



179, 145, 158

Square

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



119, 141, 164



152, 152, 179



183, 145, 145



129, 157, 132

Rectangle

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



119, 141, 164



130, 148, 180



183, 145, 145



170, 172, 129

Sweetspot

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



119, 141, 164



197, 205, 214



119, 163, 164



96, 102, 107



235, 235, 235



107, 107, 107

Same Dimension

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



119, 141, 164



144, 178, 214



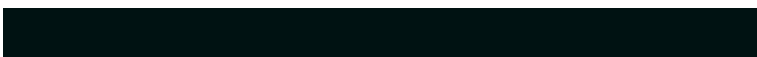
119, 133, 164



73, 77, 82



0, 71, 145



0, 9, 18

Inverse Universe

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



164, 119, 162



214, 144, 211



158, 164, 119



82, 73, 81



145, 0, 139



18, 0, 17

Previews

White Background



This preview shows how the RYB color 119, 141, 164 looks on a white background.

Color Contrast Check

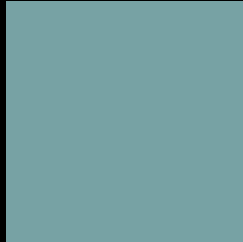
Large Text (above 18pt) WCAG AA × Fail

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, 141, 164 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, 141, 164 Background



This preview shows how black text looks on a background with the R Y B color 119, 141, 164.

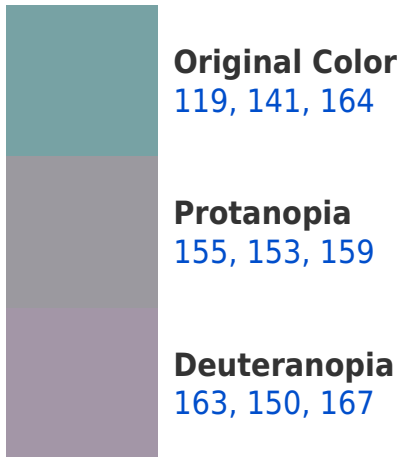


This preview shows how white text looks on a background with the R Y B color 119, 141, 164.

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](#).

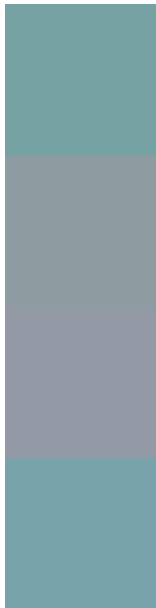
Dichromacy





Tritanopia
121, 144, 173

Trichromacy



Original Color

119, 141, 164

Protanomaly

142, 150, 161

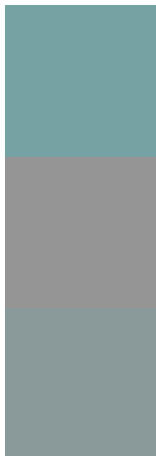
Deuteranomaly

147, 152, 166

Tritanomaly

120, 143, 170

Monochromacy



Original Color

119, 141, 164

Achromatopsia

149, 149, 149

Achromatomaly

138, 146, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 141, 164 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, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 162, 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(119, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 162, 164) }
```

Border

The CSS property to change the border of an element to RYB 119, 141, 164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

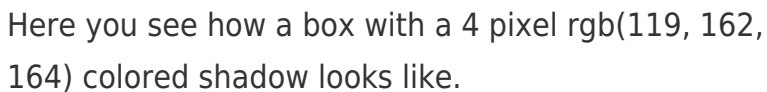
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 162, 164) }
```

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

```
.border{ border-color:rgb(119, 162, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 162, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 162, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 162, 164); box-shadow:4px 4px 4px 4px rgb(119, 162, 164) }
```

Background

The CSS property to change the background color of an element to RYB 119, 141, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 162, 164) }
```

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

```
.background{ background-color: rgb(119,  
162, 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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