

Converting Colors

`RYB(122, 145, 177)`

Have a look what the booklet for
RYB(122, 145, 177) contains.

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Color

`RYB(122, 145, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	7AA2B1
RGB	122, 162, 177
RGB Percent	48%, 64%, 69%
CMY	0.5216, 0.3665, 0.3059
CMYK	0.31, 0.09, 0.00, 0.31
HSL	197°, 26%, 59%
HSV	197°, 31%, 69%
XYZ	28.7998, 32.9877, 46.4443
YIQ	151.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

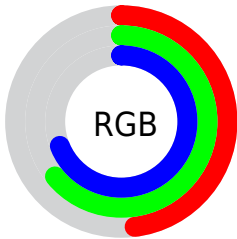
Format	Color
RYB	122, 145, 177
Decimal	8037041
CIELab	64.15, -9.65, -12.36
CIELCh	64, 15.680, 232.028
Yxy	32.9877, 0.2661, 0.3048
Android (android.graphics.Color)	4286227121 (0xFF7AA2B1)
YUV	151.7500, 12.4482, -26.0907
Hunter-Lab	57.4349, -11.0054, -7.7400

Details

The RYB color **122, 145, 177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 143, 122**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **176, 200, 233**, and **71, 93, 124** is the 20% darker color. If you saturate the color by 10%, you get **104, 135, 177**, and if you desaturate by 10%, it is **140, 156, 177**.

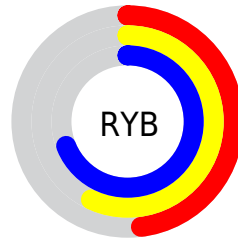
Distribution



Red (48%)

Green (64%)

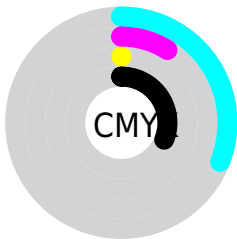
Blue (69%)



Red (48%)

Yellow (57%)

Blue (69%)

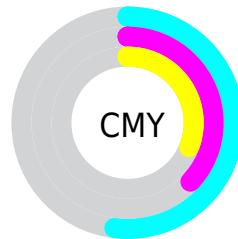


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 145, 177 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 122, 145, 177 by changing the saturation by 10% instead.

 122, 145, 177


255, 255, 255

 176, 200, 233

 204, 227, 255

 232, 244, 255

 122, 145, 177

 96, 119, 150

 71, 93, 124

 46, 69, 100

 20, 44, 76

 0, 23, 53

 0, 13, 32

 0, 0, 6

 0, 0, 0

 122, 145, 177

 122, 145, 177

■ 104, 135, 177

■ 140, 156, 177

■ 87, 125, 177

■ 157, 165, 177

■ 69, 114, 177

■ 175, 176, 177

■ 51, 104, 177

■ 193, 182, 177

■ 34, 94, 177

■ 211, 189, 177

■ 16, 83, 177

■ 228, 196, 177

■ 0, 74, 177

■ 246, 203, 177

■ 255, 212, 177

■ 255, 223, 177

Harmonies

Analogous

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



119, 141, 165



122, 145, 177



135, 151, 183

Triad

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



122, 145, 177



181, 146, 160



129, 158, 132

Complementary

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



122, 145, 177



177, 143, 122

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.



157, 170, 128



122, 145, 177



185, 146, 146

Square

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



122, 145, 177



170, 149, 173



181, 156, 134



138, 161, 160

Rectangle

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



122, 145, 177



147, 154, 183



181, 156, 134



134, 161, 128

Sweetspot

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



122, 145, 177



209, 218, 230



122, 165, 177



102, 107, 115



242, 242, 242



115, 115, 115

Same Dimension

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



122, 145, 177



145, 181, 230



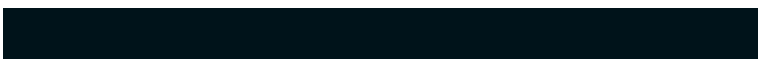
122, 133, 177



80, 84, 89



0, 64, 153



0, 11, 26

Inverse Universe

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



177, 122, 162



230, 145, 206



139, 177, 122



89, 80, 87



153, 0, 110



26, 0, 18

Previews

White Background



This preview shows how the RYB color 122, 145, 177 looks on a white background.

Color Contrast Check

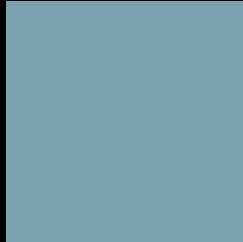
Large Text (above 18pt) WCAG AA × Fail

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 122, 145, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

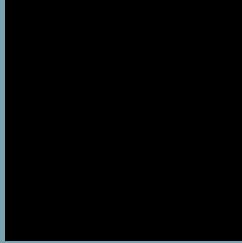
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

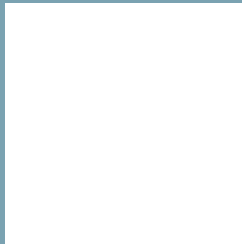
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 122, 145, 177 Background



This preview shows how black text looks on a background with the RYB color 122, 145, 177.

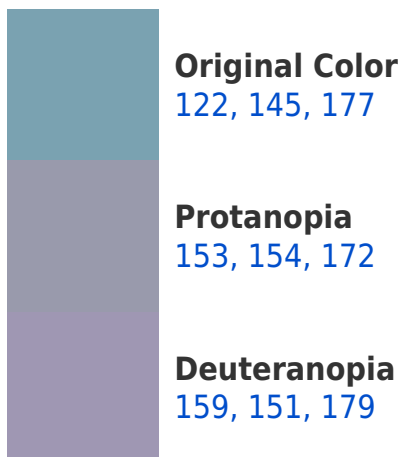



This preview shows how white text looks on a background with the RYB color 122, 145, 177.

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
122, 145, 175

Trichromacy



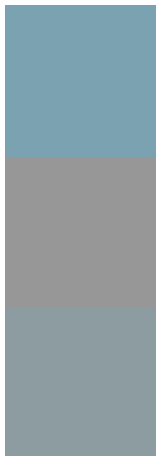
Original Color
122, 145, 177

Protanomaly
142, 152, 174

Deuteranomaly
146, 153, 178

Tritanomaly
122, 145, 176

Monochromacy



Original Color
122, 145, 177

Achromatopsia
151, 151, 151

Achromatomaly
140, 149, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 145, 177 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(122, 162, 177) looks like.

```
.text, #text, p{  
    color:rgb(122, 162, 177)  
}
```

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(122, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 162, 177) }
```

Border

The CSS property to change the border of an element to RYB 122, 145, 177 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(122, 162, 177) }
```

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

```
.border{ border-color:rgb(122, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(122, 162,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 122, 145, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 162, 177) }
```

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

```
.background{ background-color: rgb(122,  
162, 177) }
```

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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