

Converting Colors

`RYB(107, 145, 181)`

Have a look what the booklet for
RYB(107, 145, 181) contains.

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Color

R_YB(107, 145, 181)

Conversions

Conversions Part 1

Format	Color
Hex	6BB5B1
RGB	107, 181, 177
RGB Percent	42%, 71%, 69%
CMY	0.5804, 0.2902, 0.3055
CMYK	0.41, 0.00, 0.02, 0.29
HSL	177°, 33%, 56%
HSV	177°, 41%, 71%
XYZ	30.5336, 39.3521, 47.6364
YIQ	158.4180, -42.8200, -16.9320

Conversions

Conversions Part 2

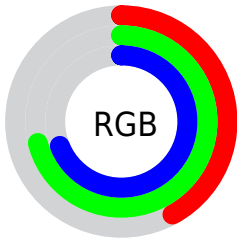
Format	Color
RYB	107, 145, 181
Decimal	7058865
CIELab	69.01, -23.96, -5.27
CIELCh	69, 24.536, 192.399
Yxy	39.3521, 0.2598, 0.3348
Android (android.graphics.Color)	4285248945 (0xFF6BB5B1)
YUV	158.4180, 9.1609, -45.0936
Hunter-Lab	62.7312, -22.8972, -1.1114

Details

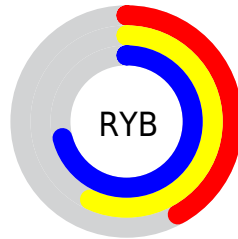
The RYB color **107, 145, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **181, 107, 111**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **162, 201, 237**, and **52, 91, 128** is the 20% darker color. If you saturate the color by 10%, you get **89, 136, 181**, and if you desaturate by 10%, it is **125, 154, 181**.

Distribution



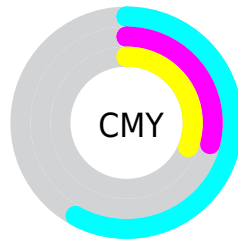
- Red (42%)
- Green (71%)
- Blue (69%)



- Red (42%)
- Yellow (57%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 145, 181 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 107, 145, 181 by changing the saturation by 10% instead.

 107, 145, 181


255, 255, 255


 162, 201, 237

 190, 223, 255

 219, 237, 255

 248, 252, 255

 107, 145, 181


 80, 118, 154

 52, 91, 128

 19, 62, 103


 0, 40, 78


 0, 28, 55

 0, 18, 34

 0, 0, 9

 0, 0, 0

 107, 145, 181

 107, 145, 181

■ 89, 136, 181

■ 125, 154, 181

■ 71, 128, 181

■ 143, 163, 181

■ 53, 119, 181

■ 161, 171, 181

■ 35, 110, 181

■ 179, 180, 181

■ 17, 101, 181

■ 198, 181, 182

■ 0, 93, 181

■ 216, 181, 183

■ 234, 181, 184

■ 252, 181, 185

■ 255, 181, 186

Harmonies

Analogous

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



125, 161, 180



107, 145, 181



105, 146, 198

Triad

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



107, 145, 181



183, 160, 201



193, 197, 127

Complementary

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



107, 145, 181



181, 107, 111

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.



210, 161, 139



107, 145, 181



204, 154, 182

Square

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



107, 145, 181



154, 165, 211



214, 152, 160



131, 175, 125

Rectangle

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



107, 145, 181



116, 152, 207



214, 152, 160



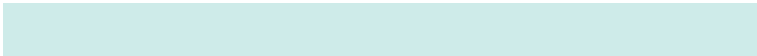
202, 181, 130

Sweetspot

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



107, 145, 181



206, 221, 235



107, 181, 176



101, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



107, 145, 181



120, 179, 235



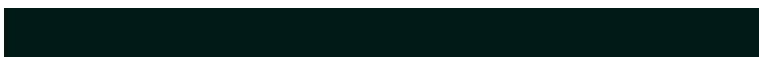
107, 134, 181



80, 85, 89



0, 79, 153



0, 14, 26

Inverse Universe

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



181, 107, 111



235, 120, 126



181, 163, 107



89, 80, 81



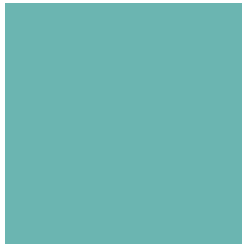
153, 0, 8



26, 0, 1

Previews

White Background



This preview shows how the RYB color 107, 145, 181 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 107, 145, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

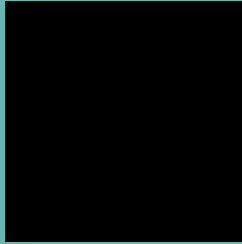
Any Text WCAG AA ✓ Pass

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 107, 145, 181 Background



This preview shows how black text looks on a background with the RYB color 107, 145, 181.

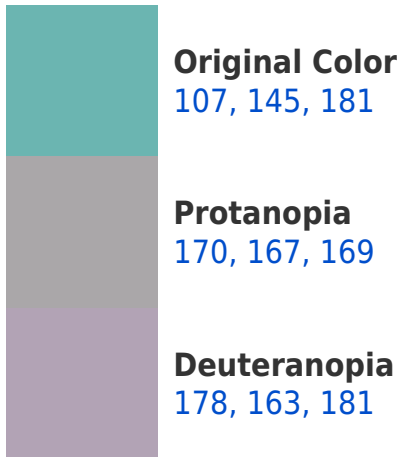


This preview shows how white text looks on a background with the RYB color 107, 145, 181.

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
111, 148, 193

Trichromacy



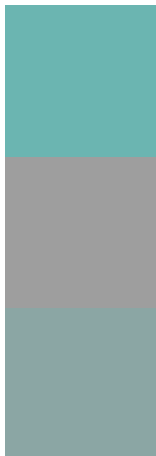
Original Color
107, 145, 181

Protanomaly
147, 160, 172

Deuteranomaly
152, 163, 180

Tritanomaly
110, 147, 187

Monochromacy



Original Color
107, 145, 181

Achromatopsia
158, 158, 158

Achromatomaly
139, 153, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 145, 181 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(107, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(107, 181, 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(107, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 181, 177) }
```

Border

The CSS property to change the border of an element to RYB 107, 145, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

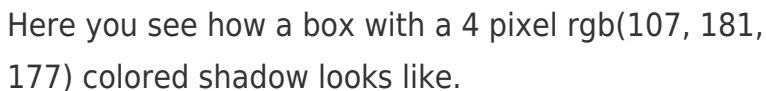
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 181, 177) }
```

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

```
.border{ border-color:rgb(107, 181, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(107, 181,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 107, 145, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 181, 177) }
```

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

```
.background{ background-color: rgb(107,  
181, 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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