

Converting Colors

`RYB(107, 150, 165)`

Have a look what the booklet for
RYB(107, 150, 165) contains.

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Color

R_YB(107, 150, 165)

Conversions

Conversions Part 1

Format	Color
Hex	6BA57F
RGB	107, 165, 127
RGB Percent	42%, 65%, 50%
CMY	0.5804, 0.3529, 0.5010
CMYK	0.35, 0.00, 0.23, 0.35
HSL	141°, 24%, 53%
HSV	141°, 35%, 65%
XYZ	23.3645, 31.5744, 25.0213
YIQ	143.3260, -22.3700, -24.1140

Conversions

Conversions Part 2

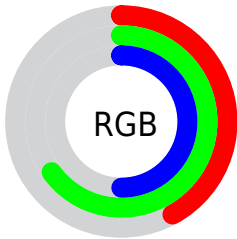
Format	Color
RYB	107, 150, 165
Decimal	7054719
CIELab	62.99, -27.26, 13.69
CIElCh	63, 30.500, 153.339
Yxy	31.5744, 0.2922, 0.3949
Android (android.graphics.Color)	4285244799 (0xFF6BA57F)
YUV	143.3260, -8.0487, -31.8579
Hunter-Lab	56.1911, -24.1135, 12.9326

Details

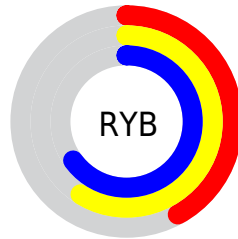
The RYB color **107, 150, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 107, 145**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **160, 205, 220**, and **56, 97, 113** is the 20% darker color. If you saturate the color by 10%, you get **90, 146, 165**, and if you desaturate by 10%, it is **123, 154, 165**.

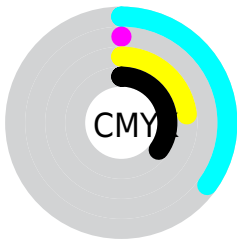
Distribution



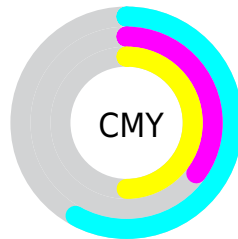
- Red (42%)
- Green (65%)
- Blue (50%)



- Red (42%)
- Yellow (59%)
- Blue (65%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 150, 165 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, 150, 165 by changing the saturation by 10% instead.

 107, 150, 165

255, 255, 255


 160, 205, 220

 188, 234, 249


 216, 242, 255

 245, 250, 255

 107, 150, 165


 81, 123, 138

 56, 97, 113

 31, 71, 88


 0, 42, 64


 0, 33, 42


 0, 18, 18


 0, 0, 0


 107, 150, 165


 90, 146, 165


 107, 150, 165


 123, 154, 165

 74, 141, 165


 140, 158, 165

 57, 137, 165

 156, 163, 165


 41, 133, 165

 173, 165, 170


 24, 128, 165

 189, 165, 181

 8, 124, 165

 206, 165, 192

 0, 122, 165

 222, 165, 202

 239, 165, 213

 255, 165, 224

Harmonies

Analogous

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



106, 160, 127



107, 150, 165



75, 124, 167

Triad

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



107, 150, 165



120, 144, 206



204, 137, 124

Complementary

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



107, 150, 165



165, 107, 145

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.



205, 132, 150



107, 150, 165



160, 144, 198

Square

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



107, 150, 165



79, 128, 200



189, 136, 177



191, 170, 105

Rectangle

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



107, 150, 165



60, 115, 173



189, 136, 177



206, 133, 132

Sweetspot

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



107, 150, 165



191, 208, 214



107, 165, 126



93, 103, 107



235, 235, 235



107, 107, 107

Same Dimension

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



107, 150, 165



124, 190, 214



107, 139, 165



73, 80, 82



0, 107, 145



0, 14, 18

Inverse Universe

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



165, 107, 145



214, 124, 183



165, 107, 117



82, 73, 79



145, 0, 95



18, 0, 12

Previews

White Background



This preview shows how the RYB color 107, 150, 165 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, 150, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

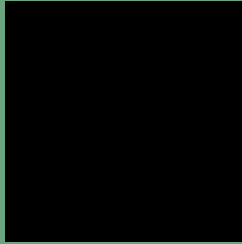
Any Text WCAG AA ✓ Pass

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, 150, 165 Background



This preview shows how black text looks on a background with the RYB color 107, 150, 165.

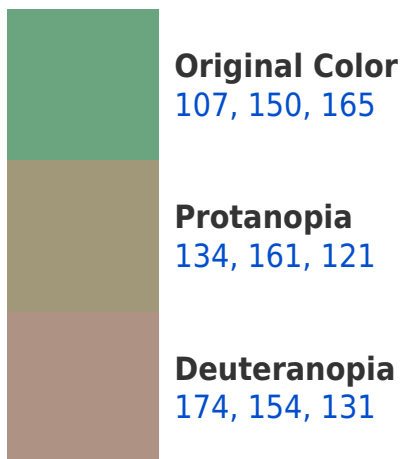


This preview shows how white text looks on a background with the RYB color 107, 150, 165.

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
116, 140, 172

Trichromacy



Original Color
107, 150, 165

Protanomaly
123, 156, 138

Deuteranomaly
130, 153, 133

Tritanomaly
113, 138, 161

Monochromacy



Original Color
107, 150, 165

Achromatopsia
143, 143, 143

Achromatomaly
130, 146, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 150, 165 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, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 127)  
}
```

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, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 127) }
```

Border

The CSS property to change the border of an element to RYB 107, 150, 165 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, 165, 127) }
```

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

```
.border{ border-color:rgb(107, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 107, 150, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 127) }
```

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

```
.background{ background-color: rgb(107,  
165, 127) }
```

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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