

Converting Colors

`RYB(109, 156, 165)`

Have a look what the booklet for
RYB(109, 156, 165) contains.

RYB(109, 156, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(109, 156, 165)

Conversions

Conversions Part 1

Format	Color
Hex	6DA578
RGB	109, 165, 120
RGB Percent	43%, 65%, 47%
CMY	0.5725, 0.3529, 0.5305
CMYK	0.34, 0.00, 0.27, 0.35
HSL	131°, 24%, 54%
HSV	131°, 34%, 65%
XYZ	23.1352, 31.5108, 22.5443
YIQ	143.1260, -18.9310, -25.8670

Conversions

Conversions Part 2

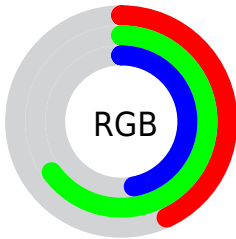
Format	Color
RYB	109, 156, 165
Decimal	7185784
CIELab	62.94, -28.06, 17.78
CIElCh	63, 33.215, 147.639
Yxy	31.5108, 0.2997, 0.4082
Android (android.graphics.Color)	4285375864 (0xFF6DA578)
YUV	143.1260, -11.4011, -29.9285
Hunter-Lab	56.1345, -24.6686, 15.4826

Details

The RYB color **109, 156, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 109, 154**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **162, 211, 220**, and **58, 102, 113** is the 20% darker color. If you saturate the color by 10%, you get **92, 153, 165**, and if you desaturate by 10%, it is **125, 158, 165**.

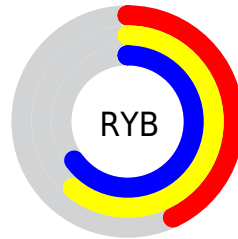
Distribution



Red (43%)

Green (65%)

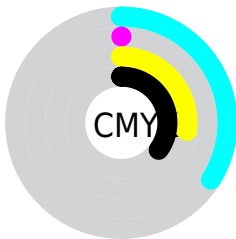
Blue (47%)



Red (43%)

Yellow (61%)

Blue (65%)

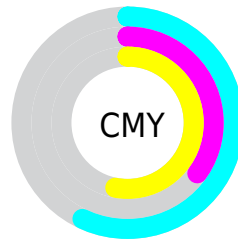


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 156, 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 109, 156, 165 by changing the saturation by 10% instead.

 109, 156, 165

255, 255, 255


 162, 211, 220

 190, 240, 249


 218, 247, 255


 247, 251, 255

 109, 156, 165

 92, 153, 165

 109, 156, 165

 83, 128, 138

 58, 102, 113

 33, 76, 88

 3, 47, 64


 0, 40, 42


 0, 18, 18


 0, 0, 0

 109, 156, 165


 125, 158, 165

 76, 151, 165


 142, 162, 165


 59, 147, 165


 158, 163, 165


 43, 146, 165


 175, 165, 173

 27, 143, 165


 191, 165, 186

 10, 140, 165

 208, 165, 200

 0, 138, 165

 224, 165, 213

 241, 165, 226

 255, 165, 240

Harmonies

Analogous

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



99, 159, 114



109, 156, 165



71, 125, 168

Triad

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



109, 156, 165



106, 140, 211



210, 131, 126

Complementary

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



109, 156, 165



165, 109, 154

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.



207, 130, 156



109, 156, 165



153, 145, 205

Square

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



109, 156, 165



58, 119, 201



187, 135, 184



197, 161, 103

Rectangle

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



109, 156, 165



46, 107, 169



187, 135, 184



210, 130, 136

Sweetspot

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



109, 156, 165



193, 211, 214



109, 165, 119



94, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



109, 156, 165



126, 200, 214



109, 142, 165



73, 80, 82



0, 122, 145



0, 15, 18

Inverse Universe

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



165, 109, 154



214, 126, 197



165, 109, 127



82, 73, 80



145, 0, 118



18, 0, 14

Previews

White Background



This preview shows how the RYB color 109, 156, 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 109, 156, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

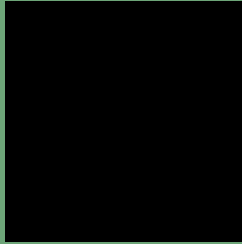
Any Text WCAG AA ✓ Pass

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 109, 156, 165 Background



This preview shows how black text looks on a background with the RYB color 109, 156, 165.

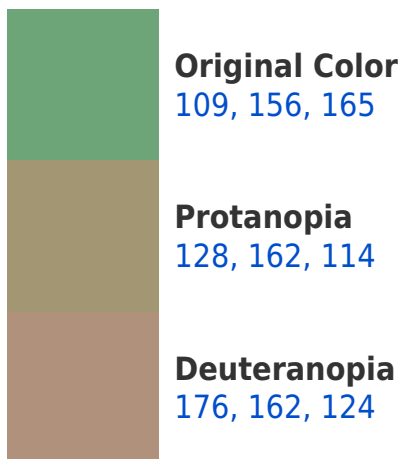



This preview shows how white text looks on a background with the RYB color 109, 156, 165.

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
119, 141, 171

Trichromacy



Original Color
109, 156, 165

Protanomaly
116, 156, 129

Deuteranomaly
122, 153, 123

Tritanomaly
115, 140, 161

Monochromacy



Original Color
109, 156, 165

Achromatopsia
143, 143, 143

Achromatomaly
131, 148, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 156, 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(109, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 165, 120)  
}
```

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(109, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 165, 120) }
```

Border

The CSS property to change the border of an element to RYB 109, 156, 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(109, 165, 120) }
```

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

```
.border{ border-color:rgb(109, 165, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 165, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 165, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 165,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 109, 156, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 165, 120) }
```

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

```
.background{ background-color: rgb(109,  
165, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor