

Converting Colors

`RYB(105, 159, 165)`

Have a look what the booklet for
RYB(105, 159, 165) contains.

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Color

R_YB(105, 159, 165)

Conversions

Conversions Part 1

Format	Color
Hex	69A570
RGB	105, 165, 112
RGB Percent	41%, 65%, 44%
CMY	0.5882, 0.3529, 0.5621
CMYK	0.36, 0.00, 0.32, 0.35
HSL	127°, 25%, 53%
HSV	127°, 36%, 65%
XYZ	22.1869, 31.0760, 20.0610
YIQ	141.0180, -18.7470, -29.2030

Conversions

Conversions Part 2

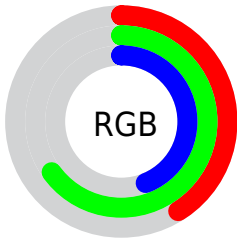
Format	Color
RYB	105, 159, 165
Decimal	6923632
CIELab	62.57, -30.81, 21.66
CIELCh	63, 37.663, 144.887
Yxy	31.0760, 0.3026, 0.4238
Android (android.graphics.Color)	4285113712 (0xFF69A570)
YUV	141.0180, -14.3059, -31.5878
Hunter-Lab	55.7458, -26.5119, 17.6857

Details

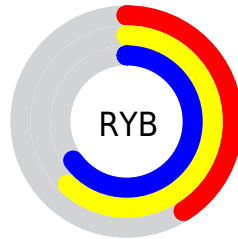
The RYB color **105, 159, 165** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 105, 158**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **158, 215, 220**, and **54, 104, 113** is the 20% darker color. If you saturate the color by 10%, you get **89, 158, 165**, and if you desaturate by 10%, it is **121, 161, 165**.

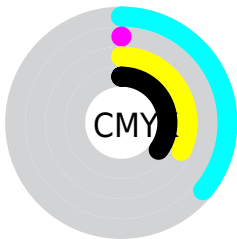
Distribution



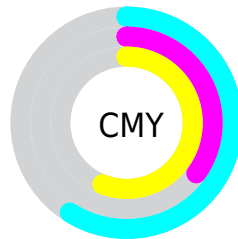
- Red (41%)
- Green (65%)
- Blue (44%)



- Red (41%)
- Yellow (62%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (59%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 159, 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 105, 159, 165 by changing the saturation by 10% instead.

 105, 159, 165

255, 255, 255


 158, 215, 220


 186, 244, 249

 214, 251, 255

 243, 252, 255

 105, 159, 165


 79, 131, 138

 54, 105, 113

 27, 77, 88


 0, 49, 64

 0, 41, 41


 0, 16, 16


 0, 0, 0

 105, 159, 165


 89, 158, 165

 105, 159, 165


 121, 161, 165


 72, 156, 165


 138, 162, 165

 55, 153, 165

 154, 163, 165


 39, 152, 165

 171, 165, 170


 22, 151, 165

 187, 165, 185

 6, 149, 165

 204, 165, 200

 0, 149, 165

 220, 165, 214

 237, 165, 229

 253, 165, 244

Harmonies

Analogous

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



89, 158, 103



105, 159, 165



55, 119, 169

Triad

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



105, 159, 165



89, 133, 217



216, 127, 125

Complementary

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



105, 159, 165



165, 105, 158

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.



211, 125, 158



105, 159, 165



146, 145, 212

Square

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



105, 159, 165



0, 91, 205



188, 133, 190



203, 158, 98

Rectangle

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



105, 159, 165



0, 85, 169



188, 133, 190



216, 125, 136

Sweetspot

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



105, 159, 165



191, 212, 214



105, 165, 111



93, 105, 107



235, 235, 235



107, 107, 107

Same Dimension

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



105, 159, 165



120, 205, 214



105, 143, 165



73, 81, 82



0, 131, 145



0, 16, 18

Inverse Universe

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



165, 105, 158



214, 120, 204



165, 105, 129



82, 73, 81



145, 0, 129



18, 0, 16

Previews

White Background



This preview shows how the RYB color 105, 159, 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 105, 159, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

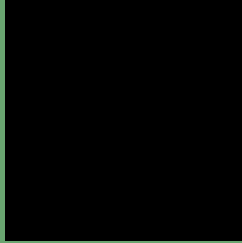
Any Text WCAG AA ✓ Pass

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 105, 159, 165 Background



This preview shows how black text looks on a background with the RYB color 105, 159, 165.



This preview shows how white text looks on a background with the RYB color 105, 159, 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



Original Color
105, 159, 165

Protanopia
120, 163, 105

Deuteranopia
177, 171, 116



Tritanopia
117, 140, 170

Trichromacy



Original Color

105, 159, 165

Protanomaly

107, 156, 121

Deuteranomaly

114, 152, 115

Tritanomaly

113, 140, 161

Monochromacy



Original Color

105, 159, 165

Achromatopsia

141, 141, 141

Achromatomaly

128, 148, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 159, 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(105, 165, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 165, 112)  
}
```

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(105, 165, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 165, 112) }
```

Border

The CSS property to change the border of an element to RYB 105, 159, 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(105, 165, 112) }
```

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

```
.border{ border-color:rgb(105, 165, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 165, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 165, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 165, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 165,  
112) }
```

Background

The CSS property to change the background color of an element to RYB 105, 159, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 165, 112) }
```

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

```
.background{ background-color: rgb(105,  
165, 112) }
```

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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