

Converting Colors

`RYB(105, 159, 135)`

Have a look what the booklet for RYB(105, 159, 135) contains.

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Color

R_YB(105, 159, 135)

Conversions

Conversions Part 1

Format	Color
Hex	819F69
RGB	129, 159, 105
RGB Percent	51%, 62%, 41%
CMY	0.4941, 0.3765, 0.5882
CMYK	0.19, 0.00, 0.34, 0.38
HSL	93°, 22%, 52%
HSV	93°, 34%, 62%
XYZ	24.0012, 30.4833, 17.9835
YIQ	143.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

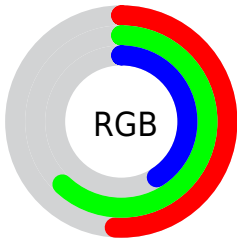
Format	Color
RYB	105, 159, 135
Decimal	8494953
CIELab	62.07, -20.47, 24.87
CIELCh	62, 32.210, 129.457
Yxy	30.4833, 0.3312, 0.4206
Android (android.graphics.Color)	4286685033 (0xFF819F69)
YUV	143.8740, -19.1649, -13.0445
Hunter-Lab	55.2117, -19.0244, 19.3363

Details

The RYB color **105, 159, 135** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135, 105, 159**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **157, 214, 188**, and **57, 107, 85** is the 20% darker color. If you saturate the color by 10%, you get **89, 159, 128**, and if you desaturate by 10%, it is **121, 159, 142**.

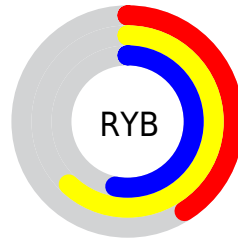
Distribution



Red (51%)

Green (62%)

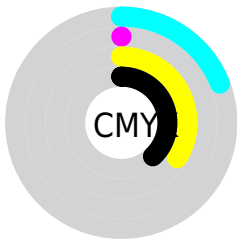
Blue (41%)



Red (41%)

Yellow (62%)

Blue (53%)

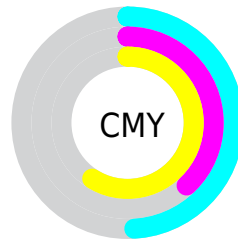


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 159, 135 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, 135 by changing the saturation by 10% instead.

 105, 159, 135

255, 255, 255


 157, 214, 188

 184, 242, 216


 212, 255, 228

 240, 255, 240

 105, 159, 135

 89, 159, 128

 105, 159, 135


 80, 133, 110


 57, 107, 85

 34, 83, 62


 12, 60, 41

 0, 38, 28

 0, 14, 14

 0, 0, 0

 105, 159, 135

 121, 159, 142

■ 73, 159, 121

■ 137, 159, 149

■ 57, 159, 113

■ 153, 159, 156

■ 41, 159, 106

■ 164, 159, 169

■ 25, 159, 99

■ 173, 159, 185

■ 10, 159, 93

■ 182, 159, 200

■ 0, 159, 88

■ 191, 159, 216

■ 200, 159, 232

■ 208, 159, 248

Harmonies

Analogous

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



103, 160, 93



105, 159, 135



94, 141, 164

Triad

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



105, 159, 135



78, 127, 203



206, 128, 142

Complementary

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



105, 159, 135



135, 105, 159

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.



193, 131, 171



105, 159, 135



124, 144, 206

Square

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



105, 159, 135



43, 108, 185



165, 139, 194



202, 136, 115

Rectangle

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



105, 159, 135



70, 122, 165



165, 139, 194



203, 128, 152

Sweetspot

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



105, 159, 135



186, 207, 198



148, 159, 105



92, 105, 99



232, 232, 232



105, 105, 105

Same Dimension

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



105, 159, 135



122, 207, 169



105, 156, 159



71, 79, 75



0, 143, 80



0, 15, 8

Inverse Universe

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



135, 105, 159



169, 122, 207



159, 105, 156



76, 71, 79



79, 0, 143



8, 0, 15

Previews

White Background



This preview shows how the RYB color 105, 159, 135 looks on a white background.

Color Contrast Check

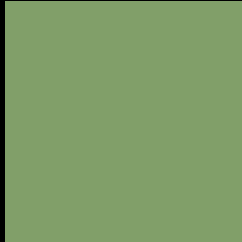
Large Text (above 18pt) WCAG AA × Fail

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, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

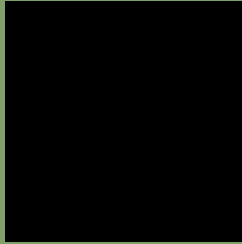
Any Text WCAG AA ✓ Pass

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](#).

R Y B 105, 159, 135 Background



This preview shows how black text looks on a background with the RYB color 105, 159, 135.



This preview shows how white text looks on a background with the RYB color 105, 159, 135.

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, 135

Protanopia
116, 162, 101

Deuteranopia
175, 177, 108



Tritanopia
138, 147, 164

Trichromacy



Original Color

105, 159, 135

Protanomaly

102, 153, 105

Deuteranomaly

121, 160, 107

Tritanomaly

135, 149, 155

Monochromacy



Original Color

105, 159, 135

Achromatopsia

144, 144, 144

Achromatomaly

130, 149, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 159, 135 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(129, 159, 105)` looks like.

```
.text, #text, p{  
    color:rgb(129, 159, 105)  
}
```

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(129, 159, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 159, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 159, 135 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(129, 159, 105) }
```

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

```
.border{ border-color:rgb(129, 159, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 159, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 159, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 159, 105);  
box-shadow:4px 4px 4px 4px rgb(129, 159,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 159, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 159, 105) }
```

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

```
.background{ background-color: rgb(129,  
159, 105) }
```

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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