

Converting Colors

`RYB(133, 165, 135)`

Have a look what the booklet for
RYB(133, 165, 135) contains.

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Color

$\text{RYB}(133, 165, 135)$

Conversions

Conversions Part 1

Format	Color
Hex	A3A585
RGB	163, 165, 133
RGB Percent	64%, 65%, 52%
CMY	0.3608, 0.3529, 0.4784
CMYK	0.01, 0.00, 0.19, 0.35
HSL	64°, 15%, 58%
HSV	64°, 19%, 65%
XYZ	32.7930, 36.3903, 27.4859
YIQ	160.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

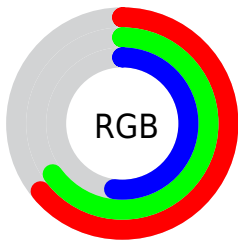
Format	Color
RYB	133, 165, 135
Decimal	10724741
CIELab	66.82, -6.28, 16.39
CIElCh	67, 17.552, 110.981
Yxy	36.3903, 0.3392, 0.3764
Android (android.graphics.Color)	4288914821 (0xFFA3A585)
YUV	160.7540, -13.6827, 1.9697
Hunter-Lab	60.3243, -8.5329, 15.2124

Details

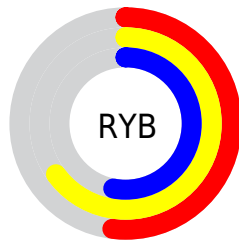
The RYB color **133, 165, 135** is a light color, and the websafe version is hex **999966**. A complement of this color would be **135, 133, 165**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **186, 220, 188**, and **83, 113, 85** is the 20% darker color. If you saturate the color by 10%, you get **116, 165, 119**, and if you desaturate by 10%, it is **149, 165, 150**.

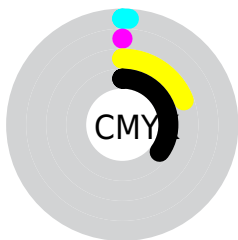
Distribution



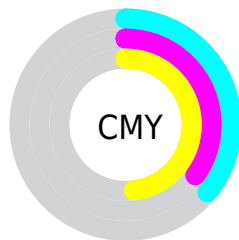
- Red (64%)
- Green (65%)
- Blue (52%)



- Red (52%)
- Yellow (65%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 165, 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 133, 165, 135 by changing the saturation by 10% instead.


 133, 165, 135


255, 255, 255

 186, 220, 188

 214, 248, 215

 242, 255, 242

 133, 165, 135

 108, 139, 110

 83, 113, 85

 60, 89, 63

 38, 65, 40

 17, 43, 20

 0, 23, 4

 0, 0, 0

 133, 165, 135

 116, 165, 119

 133, 165, 135

 149, 165, 150

■ 100, 165, 104

■ 165, 165, 166

■ 84, 165, 89

■ 166, 165, 182

■ 67, 165, 73

■ 167, 165, 199

■ 51, 165, 58

■ 168, 165, 216

■ 34, 165, 42

■ 169, 165, 232

■ 18, 165, 27

■ 170, 165, 248

■ 1, 165, 11

■ 171, 165, 255

■ 0, 165, 10

■ 172, 165, 255

Harmonies

Analogous

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



164, 179, 132



133, 165, 135



142, 169, 166

Triad

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



133, 165, 135



124, 150, 186



191, 152, 168

Complementary

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



133, 165, 135



135, 133, 165

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.



178, 155, 183



133, 165, 135



139, 157, 193

Square

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



133, 165, 135



120, 146, 173



159, 160, 192



196, 152, 152

Rectangle

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



133, 165, 135



134, 159, 171



159, 160, 192



188, 153, 173

Sweetspot

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



133, 165, 135



201, 214, 202



165, 135, 133



100, 107, 100



235, 235, 235



107, 107, 107

Same Dimension

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



133, 165, 135



165, 214, 168



133, 165, 151



73, 82, 74



0, 145, 9



0, 18, 1

Inverse Universe

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



135, 133, 165



168, 165, 214



151, 133, 165



74, 73, 82



9, 0, 145



1, 0, 18

Previews

White Background



This preview shows how the RYB color 133, 165, 135 looks on a white background.

Color Contrast Check

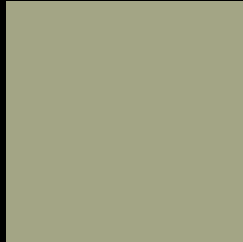
Large Text (above 18pt) WCAG AA × Fail

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 133, 165, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

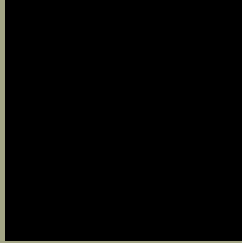
Any Text WCAG AA ✓ Pass

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 133, 165, 135 Background



This preview shows how black text looks on a background with the RYB color 133, 165, 135.



This preview shows how white text looks on a background with the RYB color 133, 165, 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
133, 165, 135

Protanopia
145, 172, 132

Deuteranopia
188, 170, 135



Tritanopia
168, 160, 172

Trichromacy



Original Color

133, 165, 135

Protanomaly

139, 169, 132

Deuteranomaly

170, 179, 134

Tritanomaly

166, 166, 158

Monochromacy



Original Color

133, 165, 135

Achromatopsia

161, 161, 161

Achromatomaly

151, 162, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 165, 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(163, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(163, 165, 133)  
}
```

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(163, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 165, 133) }
```

Border

The CSS property to change the border of an element to RYB 133, 165, 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(163, 165, 133) }
```

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

```
.border{ border-color:rgb(163, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(163, 165,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 133, 165, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 165, 133) }
```

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

```
.background{ background-color: rgb(163,  
165, 133) }
```

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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