

Converting Colors

`RYB(165, 143, 135)`

Have a look what the booklet for
RYB(165, 143, 135) contains.

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Color

R_YB(165, 143, 135)

Conversions

Conversions Part 1

Format	Color
Hex	A58D87
RGB	165, 141, 135
RGB Percent	65%, 55%, 53%
CMY	0.3529, 0.4458, 0.4706
CMYK	0.00, 0.14, 0.18, 0.35
HSL	13°, 14%, 59%
HSV	13°, 18%, 65%
XYZ	29.4617, 28.8916, 26.9455
YIQ	147.4920, 16.2300, 3.2220

Conversions

Conversions Part 2

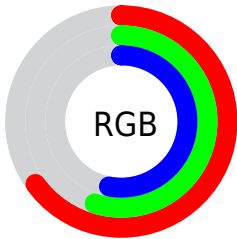
Format	Color
R_{YB}	165, 143, 135
Decimal	10849671
CIE Lab	60.69, 7.84, 6.65
CIE LCh	61, 10.282, 40.303
Yxy	28.8916, 0.3454, 0.3387
Android (android.graphics.Color)	4289039751 (0xFFA58D87)
YUV	147.4920, -6.1586, 15.3545
Hunter-Lab	53.7509, 3.7746, 7.9034

Details

The RYB color **165, 143, 135** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **135, 148, 165**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **220, 197, 188**, and **113, 93, 85** is the 20% darker color. If you saturate the color by 10%, you get **165, 131, 118**, and if you desaturate by 10%, it is **165, 154, 152**.

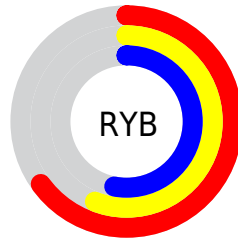
Distribution



Red (65%)

Green (55%)

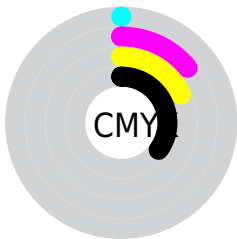
Blue (53%)



Red (65%)

Yellow (56%)

Blue (53%)

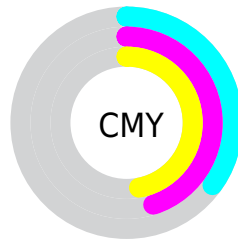


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 143, 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 165, 143, 135 by changing the saturation by 10% instead.

 165, 143, 135


255, 255, 255

 220, 197, 188

 249, 225, 216

 250, 255, 244

 165, 143, 135

 138, 118, 110

 113, 93, 85

 88, 70, 62

 64, 46, 40

 42, 26, 20


 21, 0, 0

 0, 0, 0

 165, 143, 135


 165, 131, 118

 165, 143, 135

 165, 154, 152

 165, 118, 102

 165, 166, 168

 165, 107, 85

 165, 173, 184

 165, 94, 69

 165, 181, 201

 165, 82, 52

 165, 188, 217

 165, 70, 36

 165, 195, 234

 165, 58, 19

 165, 202, 250

 165, 46, 3

 165, 208, 255

 165, 44, 0

 165, 210, 255

Harmonies

Analogous

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



166, 140, 143



165, 143, 135



160, 156, 130

Triad

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



165, 143, 135



130, 144, 151



141, 145, 164

Complementary

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



165, 143, 135



135, 148, 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.



130, 142, 163



165, 143, 135



124, 139, 152

Square

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



165, 143, 135



132, 149, 141



124, 139, 158



152, 143, 160

Rectangle

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



165, 143, 135



140, 154, 128



124, 139, 158



137, 144, 164

Sweetspot

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



165, 143, 135



214, 207, 203



165, 135, 159



107, 102, 101



235, 235, 235



107, 107, 107

Same Dimension

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



165, 143, 135



214, 180, 167



148, 165, 135



82, 76, 73



145, 39, 0



18, 5, 0

Inverse Universe

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



135, 148, 165



167, 188, 214



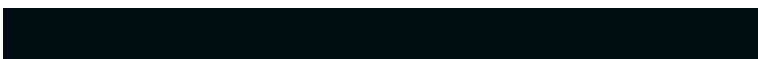
135, 142, 165



73, 77, 82



0, 64, 145



0, 8, 18

Previews

White Background



This preview shows how the RYB color 165, 143, 135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 143, 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 165, 143, 135 Background



This preview shows how black text looks on a background with the RYB color 165, 143, 135.



This preview shows how white text looks on a background with the RYB color 165, 143, 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

165, 143, 135

Protanopia

145, 151, 137

Deuteranopia

165, 143, 135



Tritanopia
167, 139, 150

Trichromacy



Original Color

165, 143, 135

Protanomaly

156, 149, 136

Deuteranomaly

165, 143, 135

Tritanomaly

166, 140, 145

Monochromacy



Original Color

165, 143, 135

Achromatopsia

148, 148, 148

Achromatomaly

154, 147, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 143, 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(165, 141, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 135)  
}
```

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(165, 141, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 135) }
```

Border

The CSS property to change the border of an element to RYB 165, 143, 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(165, 141, 135) }
```

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

```
.border{ border-color:rgb(165, 141, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 165, 143, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 135) }
```

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

```
.background{ background-color: rgb(165,  
141, 135) }
```

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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