

Converting Colors

`RYB(165, 158, 137)`

Have a look what the booklet for
RYB(165, 158, 137) contains.

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Color

R_YB(165, 158, 137)

Conversions

Conversions Part 1

Format	Color
Hex	A59589
RGB	165, 149, 137
RGB Percent	65%, 58%, 54%
CMY	0.3529, 0.4157, 0.4627
CMYK	0.00, 0.10, 0.17, 0.35
HSL	26°, 13%, 59%
HSV	26°, 17%, 65%
XYZ	30.7799, 31.3004, 28.0862
YIQ	152.4160, 13.3880, -0.3400

Conversions

Conversions Part 2

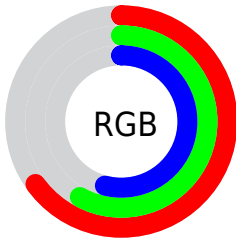
Format	Color
RYB	165, 158, 137
Decimal	10851721
CIELab	62.76, 3.87, 8.48
CIELCh	63, 9.323, 65.455
Yxy	31.3004, 0.3414, 0.3471
Android (android.graphics.Color)	4289041801 (0xFFA59589)
YUV	152.4160, -7.6001, 11.0362
Hunter-Lab	55.9467, 0.2974, 9.3981

Details

The RYB color **165, 158, 137** is a light color, and the websafe version is hex **999999**. A complement of this color would be **137, 147, 165**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **220, 213, 190**, and **113, 106, 87** is the 20% darker color. If you saturate the color by 10%, you get **165, 156, 120**, and if you desaturate by 10%, it is **165, 162, 153**.

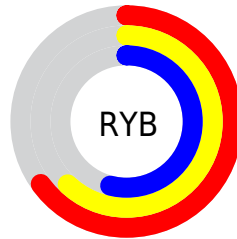
Distribution



Red (65%)

Green (58%)

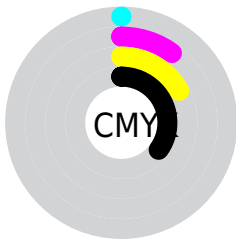
Blue (54%)



Red (65%)

Yellow (62%)

Blue (54%)

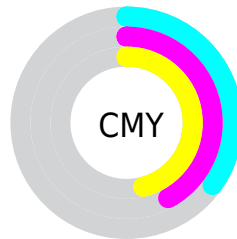


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 158, 137 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, 158, 137 by changing the saturation by 10% instead.

 165, 158, 137

255, 255, 255

 220, 213, 190


 249, 240, 218

 247, 255, 247

 165, 158, 137

 139, 131, 112

 113, 106, 87

 88, 84, 64

 65, 60, 42

 42, 38, 22

 22, 10, 0

 0, 0, 0

 165, 158, 137

 165, 156, 120


 165, 158, 137


 165, 162, 153

 165, 149, 104


 165, 167, 170

 165, 147, 87


 165, 173, 187

 165, 141, 71


 165, 179, 203

 165, 137, 55

 165, 185, 219

 165, 132, 38

 165, 191, 236

 165, 128, 22

 165, 197, 252

 165, 126, 5

 165, 201, 255

 165, 125, 0

 165, 204, 255

Harmonies

Analogous

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



169, 148, 143



165, 158, 137



141, 157, 135

Triad

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



165, 158, 137



133, 146, 157



155, 149, 165

Complementary

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



165, 158, 137



137, 147, 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.



145, 150, 168



165, 158, 137



131, 145, 161

Square

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



165, 158, 137



139, 152, 156



136, 148, 167



164, 147, 159

Rectangle

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



165, 158, 137



137, 153, 139



136, 148, 167



152, 150, 167

Sweetspot

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



165, 158, 137



214, 212, 203



165, 137, 153



107, 104, 101



235, 235, 235



107, 107, 107

Same Dimension

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



165, 158, 137



214, 205, 171



139, 165, 137



82, 80, 73



145, 108, 0



18, 14, 0

Inverse Universe

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



137, 147, 165



171, 187, 214



137, 139, 165



73, 76, 82



0, 53, 145



0, 6, 18

Previews

White Background



This preview shows how the RYB color 165, 158, 137 looks on a white background.

Color Contrast Check

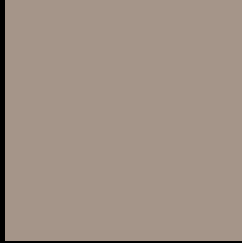
Large Text (above 18pt) WCAG AA × Fail

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 165, 158, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

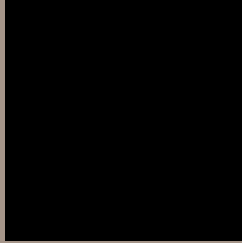
Any Text WCAG AA ✓ Pass

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 165, 158, 137 Background



This preview shows how black text looks on a background with the RYB color 165, 158, 137.



This preview shows how white text looks on a background with the RYB color 165, 158, 137.

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, 158, 137

Protanopia

149, 158, 138

Deuteranopia

172, 149, 137



Tritanopia
168, 146, 157

Trichromacy



Original Color
165, 158, 137

Protanomaly
159, 161, 138

Deuteranomaly
169, 152, 137

Tritanomaly
167, 147, 150

Monochromacy



Original Color
165, 158, 137

Achromatopsia
152, 152, 152

Achromatomaly
157, 154, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 158, 137 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, 149, 137)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 137)  
}
```

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, 149, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 137) }
```

Border

The CSS property to change the border of an element to RYB 165, 158, 137 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, 149, 137) }
```

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

```
.border{ border-color:rgb(165, 149, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 137);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 165, 149, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 137) }
```

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

```
.background{ background-color: rgb(165,  
149, 137) }
```

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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