

Converting Colors

`RYB(185, 150, 134)`

Have a look what the booklet for
RYB(185, 150, 134) contains.

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Color

R_YB(185, 150, 134)

Conversions

Conversions Part 1

Format	Color
Hex	B99286
RGB	185, 146, 134
RGB Percent	73%, 57%, 53%
CMY	0.2745, 0.4267, 0.4745
CMYK	0.00, 0.21, 0.28, 0.27
HSL	14°, 27%, 63%
HSV	14°, 28%, 73%
XYZ	34.6172, 32.6486, 27.0315
YIQ	156.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

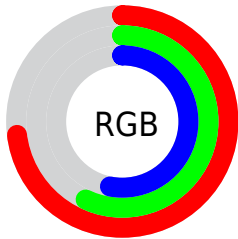
Format	Color
RYB	185, 150, 134
Decimal	12161670
CIELab	63.88, 12.78, 12.02
CIELCh	64, 17.543, 43.235
Yxy	32.6486, 0.3671, 0.3462
Android (android.graphics.Color)	4290351750 (0xFFB99286)
YUV	156.2930, -10.9904, 25.1760
Hunter-Lab	57.1389, 8.1498, 11.9481

Details

The RYB color **185, 150, 134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 156, 185**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **242, 204, 187**, and **131, 98, 84** is the 20% darker color. If you saturate the color by 10%, you get **185, 137, 116**, and if you desaturate by 10%, it is **185, 162, 153**.

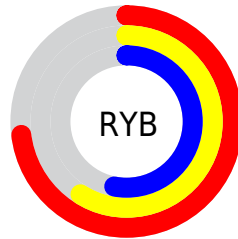
Distribution



Red (73%)

Green (57%)

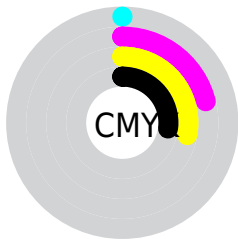
Blue (53%)



Red (73%)

Yellow (59%)

Blue (53%)

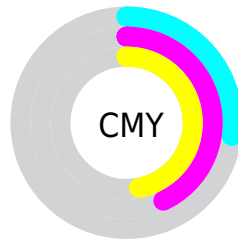


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 150, 134 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 185, 150, 134 by changing the saturation by 10% instead.

 185, 150, 134


255, 255, 255


 242, 204, 187


 255, 234, 215

 243, 255, 243

 185, 150, 134

 158, 123, 109

 131, 100, 84

 105, 76, 61

 80, 52, 39

 56, 31, 19


 35, 5, 0


 0, 0, 0

 185, 150, 134


 185, 137, 116

 185, 150, 134

 185, 162, 153

 185, 125, 97

 185, 175, 171

 185, 112, 78

 185, 187, 189

 185, 99, 60

 185, 195, 208

 185, 87, 42

 185, 203, 227

 185, 74, 23

 185, 211, 245

 185, 62, 4

 185, 217, 255

 185, 58, 0

 185, 220, 255

Harmonies

Analogous

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



187, 144, 148



185, 150, 134



171, 175, 125

Triad

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



185, 150, 134



125, 150, 163



146, 153, 185

Complementary

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



185, 150, 134



134, 156, 185

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.



126, 147, 184



185, 150, 134



114, 140, 164

Square

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



185, 150, 134



132, 160, 150



114, 141, 176



166, 149, 178

Rectangle

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



185, 150, 134



139, 165, 124



114, 141, 176



139, 151, 186

Sweetspot

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



185, 150, 134



240, 226, 221



185, 134, 173



120, 112, 108



247, 247, 247



120, 120, 120

Same Dimension

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



185, 150, 134



240, 184, 161



153, 185, 134



92, 86, 83



156, 49, 0



28, 9, 0

Inverse Universe

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



134, 156, 185



161, 195, 240



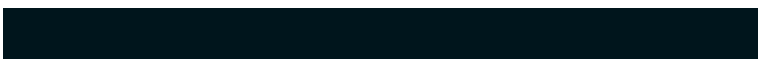
134, 145, 185



83, 87, 92



0, 67, 156



0, 12, 28

Previews

White Background



This preview shows how the RYB color 185, 150, 134 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 185, 150, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

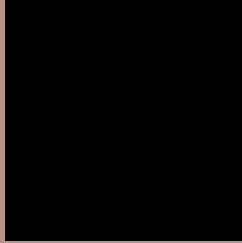
Any Text WCAG AA ✓ Pass

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 185, 150, 134 Background



This preview shows how black text looks on a background with the RYB color 185, 150, 134.



This preview shows how white text looks on a background with the RYB color 185, 150, 134.

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
185, 150, 134

Protanopia
148, 162, 138

Deuteranopia
178, 158, 133



Tritanopia
187, 143, 154

Trichromacy



Original Color

185, 150, 134

Protanomaly

170, 165, 137

Deuteranomaly

181, 155, 133

Tritanomaly

186, 144, 147

Monochromacy



Original Color

185, 150, 134

Achromatopsia

156, 156, 156

Achromatomaly

167, 153, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 150, 134 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(185, 146, 134) looks like.

```
.text, #text, p{  
    color:rgb(185, 146, 134)  
}
```

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(185, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 146, 134) }
```

Border

The CSS property to change the border of an element to RYB 185, 150, 134 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(185, 146, 134) }
```

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

```
.border{ border-color:rgb(185, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(185, 146,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 185, 150, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 146, 134) }
```

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

```
.background{ background-color: rgb(185,  
146, 134) }
```

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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