

Converting Colors

`RYB(190, 166, 133)`

Have a look what the booklet for
RYB(190, 166, 133) contains.

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Color

R_YB(190, 166, 133)

Conversions

Conversions Part 1

Format	Color
Hex	BE9A85
RGB	190, 154, 133
RGB Percent	75%, 60%, 52%
CMY	0.2549, 0.3965, 0.4784
CMYK	0.00, 0.19, 0.30, 0.25
HSL	22°, 30%, 63%
HSV	22°, 30%, 75%
XYZ	37.0079, 35.7188, 27.1342
YIQ	162.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

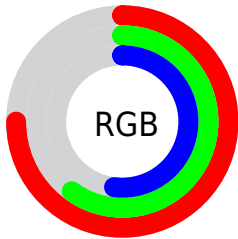
Format	Color
RYB	190, 166, 133
Decimal	12491397
CIELab	66.30, 10.35, 16.05
CIElCh	66, 19.093, 57.182
Yxy	35.7188, 0.3706, 0.3577
Android (android.graphics.Color)	4290681477 (0xFFBE9A85)
YUV	162.3700, -14.4794, 24.2315
Hunter-Lab	59.7652, 5.9420, 14.9172

Details

The RYB color **190, 166, 133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 155, 190**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **247, 220, 186**, and **136, 115, 83** is the 20% darker color. If you saturate the color by 10%, you get **190, 158, 114**, and if you desaturate by 10%, it is **190, 174, 152**.

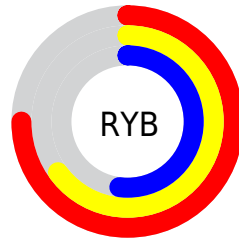
Distribution



Red (75%)

Green (60%)

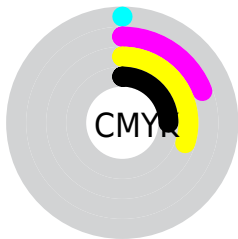
Blue (52%)



Red (75%)

Yellow (65%)

Blue (52%)

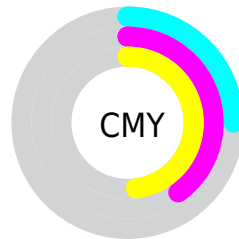


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 166, 133 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 190, 166, 133 by changing the saturation by 10% instead.


 190, 166, 133

255, 255, 255

 247, 220, 186


 246, 255, 214

 242, 255, 242

 190, 166, 133

 162, 140, 108

 136, 115, 83

 110, 91, 60

 84, 68, 38


 60, 44, 18


 38, 20, 0


 0, 0, 0


 190, 166, 133


 190, 158, 114


 190, 166, 133


 190, 174, 152


 190, 150, 95


 190, 182, 171

 190, 143, 76


 190, 190, 190

 190, 135, 57

 190, 197, 209

 190, 127, 38

 190, 205, 228

 190, 119, 19

 190, 212, 247

 190, 111, 0

 190, 218, 255

 190, 221, 255

 190, 223, 255

Harmonies

Analogous

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



197, 150, 146



190, 166, 133



153, 176, 127

Triad

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



190, 166, 133



122, 150, 171



162, 157, 192

Complementary

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



190, 166, 133



133, 155, 190

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.



139, 156, 195



190, 166, 133



114, 144, 176

Square

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



190, 166, 133



138, 165, 169



121, 149, 189



182, 152, 180

Rectangle

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



190, 166, 133



129, 164, 128



121, 149, 189



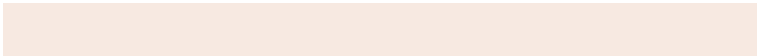
155, 159, 194

Sweetspot

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



190, 166, 133



247, 238, 225



190, 133, 169



125, 119, 111



252, 252, 252



125, 125, 125

Same Dimension

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



190, 166, 133



247, 210, 158



144, 190, 133



94, 90, 85



158, 92, 0



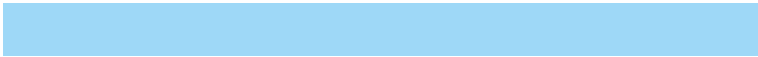
31, 17, 0

Inverse Universe

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



133, 155, 190



158, 193, 247



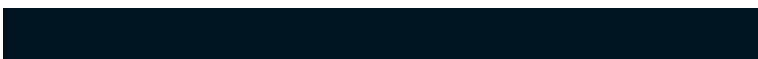
133, 140, 190



85, 89, 94



0, 61, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 190, 166, 133 looks on a white background.

Color Contrast Check

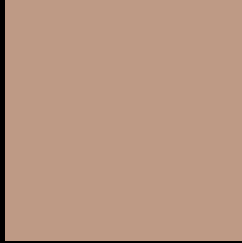
Large Text (above 18pt) WCAG AA × Fail

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 190, 166, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

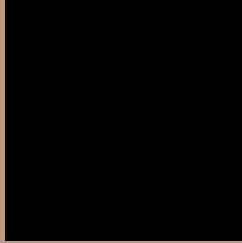
Any Text WCAG AA ✓ Pass

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 190, 166, 133 Background



This preview shows how black text looks on a background with the RYB color 190, 166, 133.



This preview shows how white text looks on a background with the RYB color 190, 166, 133.

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
190, 166, 133

Protanopia
148, 170, 136

Deuteranopia
187, 170, 133



Tritanopia
193, 150, 161

Trichromacy



Original Color
190, 166, 133

Protanomaly
170, 177, 135

Deuteranomaly
188, 170, 133

Tritanomaly
192, 151, 151

Monochromacy



Original Color
190, 166, 133

Achromatopsia
162, 162, 162

Achromatomaly
172, 164, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 166, 133 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(190, 154, 133) looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 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(190, 154, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 133) }
```

Border

The CSS property to change the border of an element to RYB 190, 166, 133 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(190, 154, 133) }
```

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

```
.border{ border-color:rgb(190, 154, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 190, 166, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 133) }
```

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

```
.background{ background-color: rgb(190,  
154, 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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