

Converting Colors

`RYB(190, 171, 125)`

Have a look what the booklet for
RYB(190, 171, 125) contains.

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Color

R_YB(190, 171, 125)

Conversions

Conversions Part 1

Format	Color
Hex	BE987D
RGB	190, 152, 125
RGB Percent	75%, 60%, 49%
CMY	0.2549, 0.4042, 0.5098
CMYK	0.00, 0.20, 0.34, 0.25
HSL	25°, 33%, 62%
HSV	25°, 34%, 75%
XYZ	36.1549, 34.8638, 24.2259
YIQ	160.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

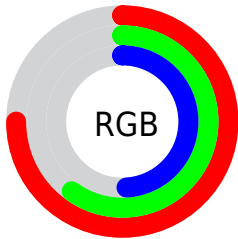
Format	Color
RYB	190, 171, 125
Decimal	12490877
CIELab	65.64, 10.37, 19.57
CIElCh	66, 22.152, 62.074
Yxy	34.8638, 0.3796, 0.3660
Android (android.graphics.Color)	4290680957 (0xFFBE987D)
YUV	160.2840, -17.3950, 26.0609
Hunter-Lab	59.0456, 5.9696, 17.0058

Details

The RYB color **190, 171, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 149, 190**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **247, 225, 178**, and **135, 119, 76** is the 20% darker color. If you saturate the color by 10%, you get **190, 166, 106**, and if you desaturate by 10%, it is **190, 176, 144**.

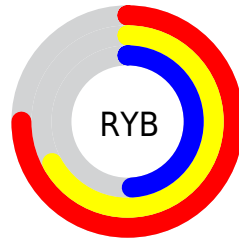
Distribution



Red (75%)

Green (60%)

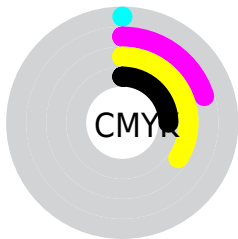
Blue (49%)



Red (75%)

Yellow (67%)

Blue (49%)

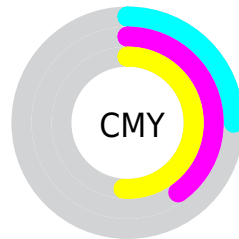


Cyan (0%)

Magenta (20%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 171, 125 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, 171, 125 by changing the saturation by 10% instead.


 190, 171, 125


255, 255, 255

 247, 225, 178

 241, 255, 205

 233, 255, 233

 190, 171, 125

 162, 145, 100

 135, 119, 76

 109, 95, 53

 84, 72, 31


 59, 55, 9


 36, 18, 0

 0, 0, 0

 190, 171, 125

 190, 166, 106

 190, 171, 125

 190, 176, 144

190, 161, 87

190, 182, 163

190, 156, 68

190, 187, 182

190, 148, 49

190, 194, 201

190, 142, 30

190, 201, 220

190, 137, 11

190, 208, 239

190, 135, 0

190, 215, 255

190, 219, 255

190, 222, 255

Harmonies

Analogous

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



199, 148, 139



190, 171, 125



139, 173, 120

Triad

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



190, 171, 125



110, 144, 171



164, 154, 193

Complementary

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



190, 171, 125



125, 149, 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.



137, 154, 199



190, 171, 125



103, 139, 180

Square

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



190, 171, 125



129, 160, 169



113, 145, 194



186, 148, 178

Rectangle

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



190, 171, 125



122, 163, 126



113, 145, 194



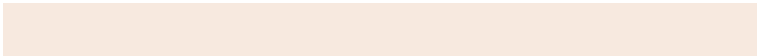
156, 156, 196

Sweetspot

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



190, 171, 125



247, 240, 223



190, 125, 164



125, 120, 110



252, 252, 252



125, 125, 125

Same Dimension

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



190, 171, 125



247, 218, 146



132, 190, 125



94, 92, 85



158, 113, 0



31, 22, 0

Inverse Universe

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



125, 149, 190



146, 183, 247



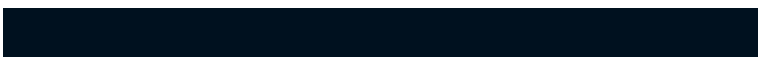
125, 130, 190



85, 88, 94



0, 59, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 190, 171, 125 looks on a white background.

Color Contrast Check

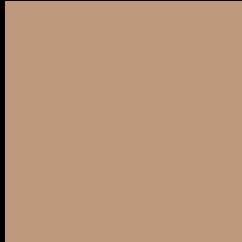
Large Text (above 18pt) WCAG AA × Fail

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, 171, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

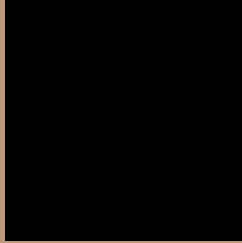
Any Text WCAG AA ✓ Pass

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, 171, 125 Background



This preview shows how black text looks on a background with the RYB color 190, 171, 125.



This preview shows how white text looks on a background with the RYB color 190, 171, 125.

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, 171, 125

Protanopia

141, 169, 128

Deuteranopia

187, 176, 125



Tritanopia
194, 147, 159

Trichromacy



Original Color

190, 171, 125

Protanomaly

163, 177, 127

Deuteranomaly

188, 175, 125

Tritanomaly

193, 149, 147

Monochromacy



Original Color

190, 171, 125

Achromatopsia

160, 160, 160

Achromatomaly

171, 164, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 171, 125 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, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 125)  
}
```

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, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 125) }
```

Border

The CSS property to change the border of an element to RYB 190, 171, 125 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, 152, 125) }
```

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

```
.border{ border-color:rgb(190, 152, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 190, 171, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 125) }
```

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

```
.background{ background-color: rgb(190,  
152, 125) }
```

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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