

Converting Colors

`RYB(192, 182, 166)`

Have a look what the booklet for
RYB(192, 182, 166) contains.

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Color

R_YB(192, 182, 166)

Conversions

Conversions Part 1

Format	Color
Hex	C0B0A6
RGB	192, 176, 166
RGB Percent	75%, 69%, 65%
CMY	0.2471, 0.3102, 0.3490
CMYK	0.00, 0.08, 0.14, 0.25
HSL	23°, 17%, 70%
HSV	23°, 14%, 75%
XYZ	44.1278, 44.9730, 42.4313
YIQ	179.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

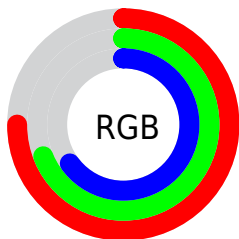
Format	Color
RYB	192, 182, 166
Decimal	12628134
CIELab	72.87, 4.09, 7.15
CIELCh	73, 8.232, 60.242
Yxy	44.9730, 0.3355, 0.3419
Android (android.graphics.Color)	4290818214 (0xFFC0B0A6)
YUV	179.6440, -6.7265, 10.8362
Hunter-Lab	67.0619, 0.0976, 9.4295

Details

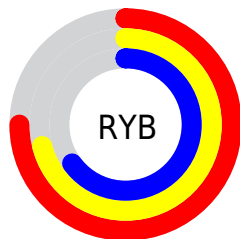
The RYB color **192, 182, 166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **166, 176, 192**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **249, 239, 221**, and **138, 131, 114** is the 20% darker color. If you saturate the color by 10%, you get **192, 174, 147**, and if you desaturate by 10%, it is **192, 190, 185**.

Distribution



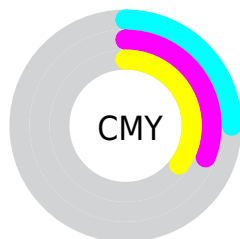
- Red (75%)
- Green (69%)
- Blue (65%)



- Red (75%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (25%)



- Cyan (25%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 182, 166 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 192, 182, 166 by changing the saturation by 10% instead.

 192, 182, 166

255, 255, 255


 249, 237, 221

 250, 255, 250

 192, 182, 166


 165, 154, 140

 138, 128, 114

 113, 105, 90

 88, 81, 66


 65, 57, 44


 42, 35, 24

 22, 10, 0


 0, 0, 0


 192, 182, 166


 192, 182, 166

 192, 174, 147


 192, 190, 185

 192, 166, 128


 192, 197, 204

 192, 160, 108


 192, 204, 224

 192, 152, 89


 192, 211, 243

 192, 144, 70


 192, 218, 255

 192, 139, 51

 192, 221, 255

 192, 131, 32

 192, 224, 255

 192, 124, 12

 192, 118, 0

Harmonies

Analogous

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



195, 174, 172



192, 182, 166



175, 185, 164

Triad

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



192, 182, 166



162, 174, 183



181, 177, 192

Complementary

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



192, 182, 166



166, 176, 192

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.



171, 177, 194



192, 182, 166



160, 172, 186

Square

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



192, 182, 166



168, 181, 183



164, 175, 192



189, 175, 186

Rectangle

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



192, 182, 166



165, 180, 165



164, 175, 192



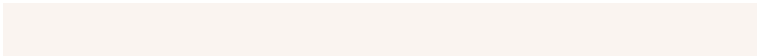
177, 178, 193

Sweetspot

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



192, 182, 166



250, 247, 240



192, 166, 182



125, 122, 119



252, 252, 252



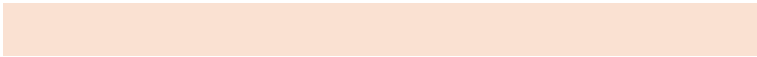
125, 125, 125

Same Dimension

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



192, 182, 166



250, 234, 210



169, 192, 166



97, 94, 87



161, 98, 0



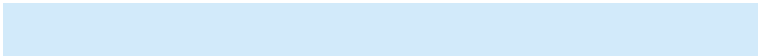
33, 21, 0

Inverse Universe

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



166, 176, 192



210, 225, 250



166, 169, 192



87, 91, 97



0, 61, 161



0, 13, 33

Previews

White Background



This preview shows how the RYB color 192, 182, 166 looks on a white background.

Color Contrast Check

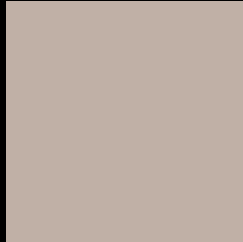
Large Text (above 18pt) WCAG AA × Fail

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 192, 182, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

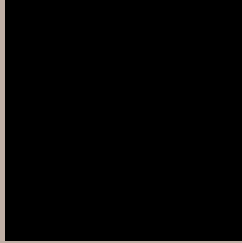
Any Text WCAG AA ✓ Pass

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](#).

R Y B 192, 182, 166 Background



This preview shows how black text looks on a background with the R Y B color 192, 182, 166.

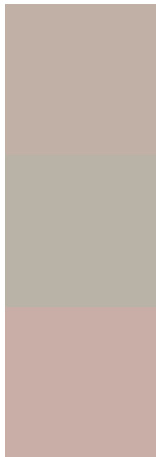


This preview shows how white text looks on a background with the R Y B color 192, 182, 166.

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
192, 182, 166

Protanopia
178, 185, 167

Deuteranopia
201, 174, 167



Tritanopia
195, 173, 186

Trichromacy



Original Color

192, 182, 166

Protanomaly

188, 186, 167

Deuteranomaly

198, 176, 167

Tritanomaly

194, 174, 179

Monochromacy



Original Color

192, 182, 166

Achromatopsia

180, 180, 180

Achromatomaly

184, 182, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 182, 166 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(192, 176, 166) looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 166)  
}
```

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(192, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 166) }
```

Border

The CSS property to change the border of an element to RYB 192, 182, 166 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(192, 176, 166) }
```

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

```
.border{ border-color:rgb(192, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 192, 182, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 166) }
```

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

```
.background{ background-color: rgb(192,  
176, 166) }
```

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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