

Converting Colors

`RYB(190, 181, 172)`

Have a look what the booklet for
RYB(190, 181, 172) contains.

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Color

$\text{RYB}(190, 181, 172)$

Conversions

Conversions Part 1

Format	Color
Hex	BEB2AC
RGB	190, 178, 172
RGB Percent	75%, 70%, 67%
CMY	0.2549, 0.3020, 0.3255
CMYK	0.00, 0.06, 0.09, 0.25
HSL	20°, 12%, 71%
HSV	20°, 9%, 75%
XYZ	44.6020, 45.7665, 45.5128
YIQ	180.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

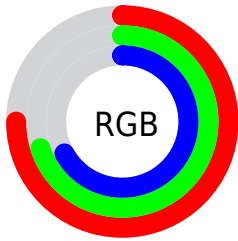
Format	Color
RYB	190, 181, 172
Decimal	12497580
CIELab	73.39, 3.23, 4.59
CIELCh	73, 5.610, 54.875
Yxy	45.7665, 0.3282, 0.3368
Android (android.graphics.Color)	4290687660 (0xFFBEB2AC)
YUV	180.9040, -4.3897, 7.9772
Hunter-Lab	67.6509, -0.7048, 7.4678

Details

The RYB color **190, 181, 172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **172, 179, 190**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **246, 238, 227**, and **137, 127, 120** is the 20% darker color. If you saturate the color by 10%, you get **190, 171, 153**, and if you desaturate by 10%, it is **190, 191, 191**.

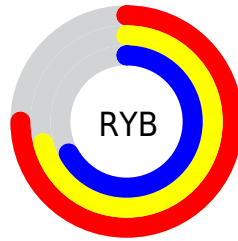
Distribution



Red (75%)

Green (70%)

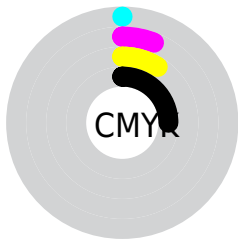
Blue (67%)



Red (75%)

Yellow (71%)

Blue (67%)

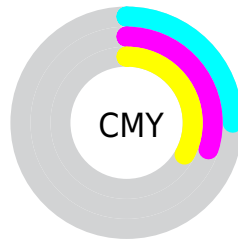


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 181, 172 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, 181, 172 by changing the saturation by 10% instead.

■ 190, 181, 172

255, 255, 255

■ 246, 238, 227

■ 190, 181, 172

■ 163, 154, 145

■ 137, 127, 120

■ 111, 102, 95

■ 87, 81, 71

■ 63, 57, 49

■ 41, 36, 28


■ 22, 14, 1


■ 0, 0, 0


■ 190, 181, 172


■ 190, 181, 172

 190, 171, 153

 190, 191, 191

 190, 163, 134

 190, 198, 210

 190, 153, 115

 190, 206, 229

 190, 142, 96

 190, 213, 248

 190, 134, 77

 190, 219, 255

 190, 124, 58

 190, 222, 255

 190, 114, 39

 190, 223, 255

 190, 106, 20

 190, 96, 1

Harmonies

Analogous

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



192, 177, 176



190, 181, 172



180, 186, 170

Triad

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



190, 181, 172



170, 178, 183



180, 179, 190

Complementary

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



190, 181, 172



172, 179, 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.



174, 179, 190



190, 181, 172



168, 176, 184

Square

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



190, 181, 172



174, 183, 183



170, 177, 188



186, 178, 186

Rectangle

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



190, 181, 172



171, 182, 170



170, 177, 188



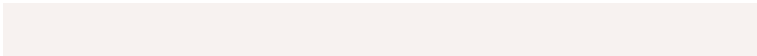
178, 180, 190

Sweetspot

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



190, 181, 172



247, 243, 240



190, 172, 184



125, 123, 120



252, 252, 252



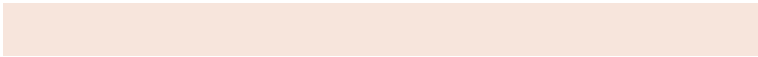
125, 125, 125

Same Dimension

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



190, 181, 172



247, 234, 220



176, 190, 172



94, 90, 85



158, 80, 0



31, 15, 0

Inverse Universe

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



172, 179, 190



220, 231, 247



172, 175, 190



85, 89, 94



0, 63, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 190, 181, 172 looks on a white background.

Color Contrast Check

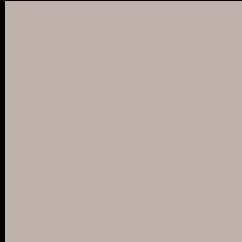
Large Text (above 18pt) WCAG AA × Fail

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, 181, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

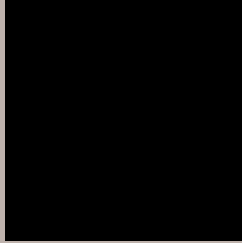
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

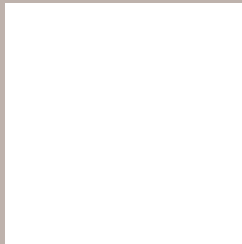
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 190, 181, 172 Background



This preview shows how black text looks on a background with the RYB color 190, 181, 172.



This preview shows how white text looks on a background with the RYB color 190, 181, 172.

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, 181, 172

Protanopia

182, 185, 173

Deuteranopia

200, 174, 173



Tritanopia
192, 175, 189

Trichromacy



Original Color

190, 181, 172

Protanomaly

187, 184, 173

Deuteranomaly

196, 175, 173

Tritanomaly

191, 176, 183

Monochromacy



Original Color

190, 181, 172

Achromatopsia

181, 181, 181

Achromatomaly

184, 181, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 181, 172 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, 178, 172) looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 172)  
}
```

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, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 172) }
```

Border

The CSS property to change the border of an element to RYB 190, 181, 172 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, 178, 172) }
```

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

```
.border{ border-color:rgb(190, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 190, 181, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 172) }
```

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

```
.background{ background-color: rgb(190,  
178, 172) }
```

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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