

Converting Colors

`RYB(197, 187, 183)`

Have a look what the booklet for
RYB(197, 187, 183) contains.

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Color

R_YB(197, 187, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C5BAB7
RGB	197, 186, 183
RGB Percent	77%, 73%, 72%
CMY	0.2275, 0.2702, 0.2824
CMYK	0.00, 0.06, 0.07, 0.23
HSL	13°, 11%, 75%
HSV	13°, 7%, 77%
XYZ	49.1555, 50.4539, 51.9475
YIQ	188.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

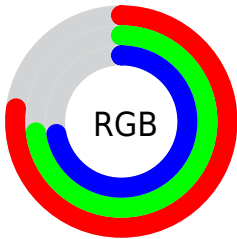
Format	Color
RYB	197, 187, 183
Decimal	12958391
CIELab	76.35, 3.29, 2.94
CIElCh	76, 4.416, 41.752
Yxy	50.4539, 0.3243, 0.3329
Android (android.graphics.Color)	4291148471 (0xFFC5BAB7)
YUV	188.9470, -2.9319, 7.0625
Hunter-Lab	71.0309, -0.7766, 6.3606

Details

The RYB color **197, 187, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 189, 197**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **254, 243, 239**, and **143, 134, 130** is the 20% darker color. If you saturate the color by 10%, you get **197, 173, 163**, and if you desaturate by 10%, it is **197, 199, 203**.

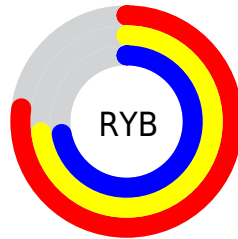
Distribution



Red (77%)

Green (73%)

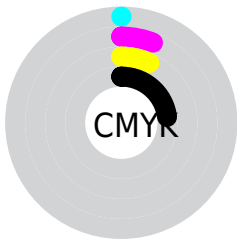
Blue (72%)



Red (77%)

Yellow (73%)

Blue (72%)

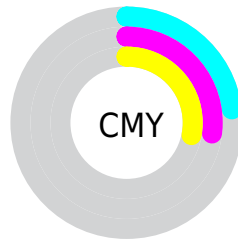


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 187, 183 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 197, 187, 183 by changing the saturation by 10% instead.

 197, 187, 183

255, 255, 255

 254, 243, 239

 197, 187, 183

 170, 160, 156

 143, 134, 130

 118, 109, 105


 93, 85, 81

 69, 62, 58

 47, 40, 36

 27, 19, 15

 0, 0, 0

 197, 187, 183

 197, 187, 183

■ 197, 173, 163

■ 197, 199, 203

■ 197, 158, 144

■ 197, 208, 222

■ 197, 144, 124

■ 197, 217, 242

■ 197, 131, 104

■ 197, 224, 255

■ 197, 117, 85

■ 197, 226, 255

■ 197, 102, 65

■ 197, 89, 45

■ 197, 75, 25

■ 197, 60, 6

Harmonies

Analogous

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



197, 186, 187



197, 187, 183



194, 192, 181

Triad

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



197, 187, 183



181, 188, 191



186, 188, 196

Complementary

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



197, 187, 183



183, 189, 197

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.



182, 187, 196



197, 187, 183



179, 185, 191

Square

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



197, 187, 183



182, 190, 187



179, 185, 194



191, 187, 194

Rectangle

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



197, 187, 183



186, 192, 180



179, 185, 194



185, 188, 196

Sweetspot

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



197, 187, 183



255, 251, 250



197, 183, 194



128, 127, 125



0, 0, 0



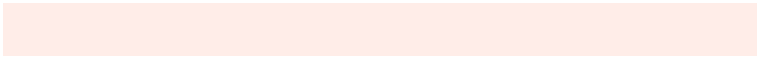
128, 128, 128

Same Dimension

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



197, 187, 183



255, 238, 232



189, 197, 183



99, 93, 90



163, 46, 0



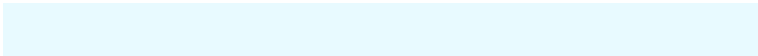
36, 10, 0

Inverse Universe

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



183, 189, 197



232, 242, 255



183, 186, 197



90, 94, 99



0, 71, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 197, 187, 183 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 197, 187, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

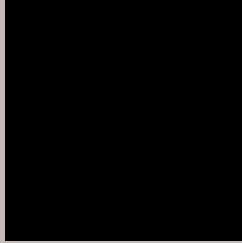
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

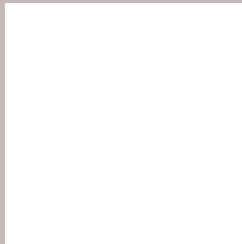
Any Text WCAG AAA ✓ Pass

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

RYB 197, 187, 183 Background



This preview shows how black text looks on a background with the RYB color 197, 187, 183.



This preview shows how white text looks on a background with the RYB color 197, 187, 183.

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
197, 187, 183

Protanopia
193, 189, 184

Deuteranopia
208, 182, 184



Tritanopia
199, 184, 198

Trichromacy



Original Color

197, 187, 183

Protanomaly

194, 188, 184

Deuteranomaly

204, 183, 184

Tritanomaly

198, 185, 193

Monochromacy



Original Color

197, 187, 183

Achromatopsia

189, 189, 189

Achromatomaly

192, 188, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 187, 183 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(197, 186, 183) looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 183)  
}
```

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(197, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 183) }
```

Border

The CSS property to change the border of an element to RYB 197, 187, 183 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(197, 186, 183) }
```

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

```
.border{ border-color:rgb(197, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 197, 187, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 183) }
```

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

```
.background{ background-color: rgb(197,  
186, 183) }
```

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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