

Converting Colors

`RYB(193, 187, 179)`

Have a look what the booklet for
RYB(193, 187, 179) contains.

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Color

R_YB(193, 187, 179)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8B3
RGB	193, 184, 179
RGB Percent	76%, 72%, 70%
CMY	0.2431, 0.2781, 0.2980
CMYK	0.00, 0.05, 0.07, 0.24
HSL	22°, 10%, 73%
HSV	22°, 7%, 76%
XYZ	47.2884, 48.9109, 49.5962
YIQ	186.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

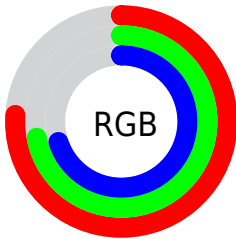
Format	Color
RYB	193, 187, 179
Decimal	12695731
CIELab	75.40, 2.25, 3.70
CIELCh	75, 4.325, 58.697
Yxy	48.9109, 0.3243, 0.3355
Android (android.graphics.Color)	4290885811 (0xFFC1B8B3)
YUV	186.1210, -3.5107, 6.0329
Hunter-Lab	69.9363, -1.6934, 6.9092

Details

The RYB color **193, 187, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 184, 193**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **249, 243, 235**, and **139, 134, 126** is the 20% darker color. If you saturate the color by 10%, you get **193, 179, 160**, and if you desaturate by 10%, it is **193, 195, 198**.

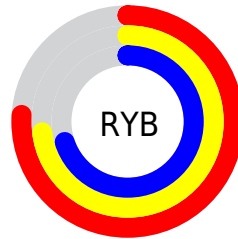
Distribution



Red (76%)

Green (72%)

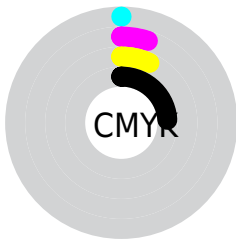
Blue (70%)



Red (76%)

Yellow (73%)

Blue (70%)

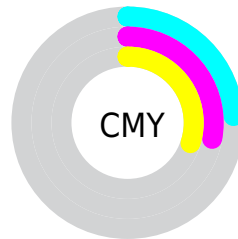


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 187, 179 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 193, 187, 179 by changing the saturation by 10% instead.

 193, 187, 179


255, 255, 255

 249, 243, 235

 193, 187, 179

 166, 160, 152


 139, 134, 126

 114, 109, 101

 89, 86, 77

 66, 61, 55

 44, 39, 33

 24, 19, 11

 0, 0, 0

 193, 187, 179

 193, 187, 179

193, 179, 160

193, 195, 198

193, 172, 140

193, 203, 218

193, 162, 121

193, 210, 237

193, 154, 102

193, 217, 255

193, 147, 82

193, 221, 255

193, 137, 63

193, 224, 255

193, 129, 44

193, 121, 25

193, 114, 5

Harmonies

Analogous

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



195, 183, 182



193, 187, 179



184, 189, 178

Triad

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



193, 187, 179



177, 183, 188



186, 185, 193

Complementary

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



193, 187, 179



179, 184, 193

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, 185, 194



193, 187, 179



176, 182, 189

Square

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



193, 187, 179



180, 187, 188



178, 183, 192



191, 184, 190

Rectangle

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



193, 187, 179



178, 186, 178



178, 183, 192



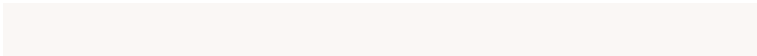
185, 185, 193

Sweetspot

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



193, 187, 179



250, 248, 245



193, 179, 188



125, 124, 122



252, 252, 252



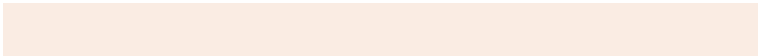
125, 125, 125

Same Dimension

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



193, 187, 179



250, 242, 227



181, 193, 179



97, 94, 87



161, 91, 0



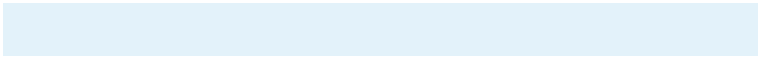
33, 19, 0

Inverse Universe

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



179, 184, 193



227, 236, 250



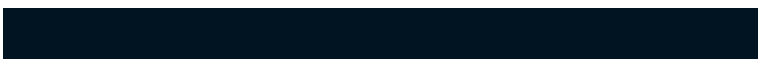
179, 181, 193



87, 91, 97



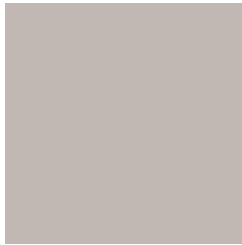
0, 62, 161



0, 13, 33

Previews

White Background



This preview shows how the RYB color 193, 187, 179 looks on a white background.

Color Contrast Check

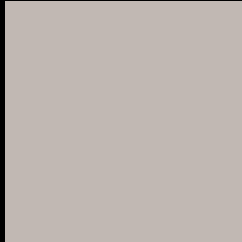
Large Text (above 18pt) WCAG AA × Fail

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 193, 187, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

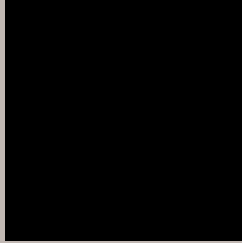
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

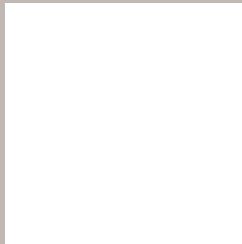
Any Text WCAG AAA ✓ Pass

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

R Y B 193, 187, 179 Background



This preview shows how black text looks on a background with the RYB color 193, 187, 179.

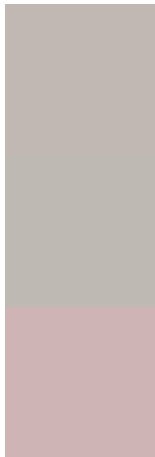


This preview shows how white text looks on a background with the RYB color 193, 187, 179.

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
193, 187, 179

Protanopia
188, 190, 179

Deuteranopia
206, 180, 180



Tritanopia
195, 182, 196

Trichromacy



Original Color

193, 187, 179

Protanomaly

191, 191, 179

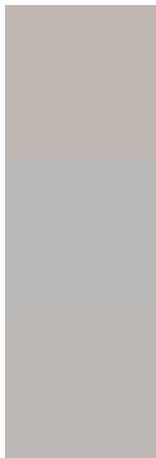
Deuteranomaly

201, 181, 180

Tritanomaly

194, 183, 190

Monochromacy



Original Color

193, 187, 179

Achromatopsia

186, 186, 186

Achromatomaly

189, 186, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 187, 179 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(193, 184, 179) looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 179)  
}
```

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(193, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 179) }
```

Border

The CSS property to change the border of an element to RYB 193, 187, 179 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(193, 184, 179) }
```

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

```
.border{ border-color:rgb(193, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 193, 187, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 179) }
```

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

```
.background{ background-color: rgb(193,  
184, 179) }
```

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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