

Converting Colors

`RYB(199, 196, 189)`

Have a look what the booklet for
RYB(199, 196, 189) contains.

RYB(199, 196, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(199, 196, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1BD
RGB	199, 193, 189
RGB Percent	78%, 76%, 74%
CMY	0.2196, 0.2427, 0.2588
CMYK	0.00, 0.03, 0.05, 0.22
HSL	25°, 8%, 76%
HSV	25°, 5%, 78%
XYZ	51.8345, 54.0082, 55.8368
YIQ	194.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

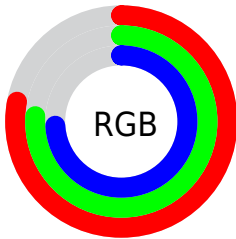
Format	Color
RYB	199, 196, 189
Decimal	13091261
CIELab	78.47, 1.32, 2.79
CIElCh	78, 3.086, 64.649
Yxy	54.0082, 0.3206, 0.3340
Android (android.graphics.Color)	4291281341 (0xFFC7C1BD)
YUV	194.3380, -2.6316, 4.0886
Hunter-Lab	73.4903, -2.7076, 6.3956

Details

The RYB color **199, 196, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 193, 199**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 252, 245**, and **145, 143, 136** is the 20% darker color. If you saturate the color by 10%, you get **199, 189, 169**, and if you desaturate by 10%, it is **199, 203, 209**.

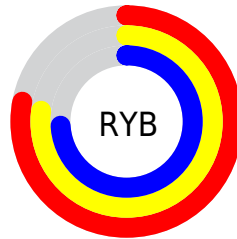
Distribution



Red (78%)

Green (76%)

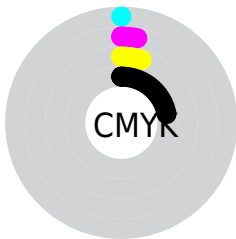
Blue (74%)



Red (78%)

Yellow (77%)

Blue (74%)

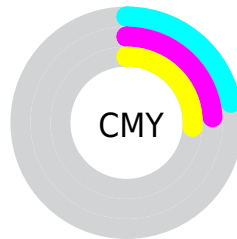


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 196, 189 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 199, 196, 189 by changing the saturation by 10% instead.

 199, 196, 189


255, 255, 255

 255, 255, 245


 199, 196, 189

 172, 169, 162


 145, 143, 136

 119, 117, 110

 95, 93, 86

 71, 68, 63

 49, 46, 41

 28, 26, 21


 0, 0, 0

 199, 196, 189

 199, 196, 189

 199, 189, 169


 199, 203, 209

 199, 185, 149

 199, 210, 229

 199, 179, 129

 199, 217, 249

 199, 172, 109

 199, 223, 255

 199, 167, 90

 199, 226, 255

 199, 160, 70

 199, 227, 255

 199, 153, 50

 199, 147, 30

 199, 143, 10

Harmonies

Analogous

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



200, 192, 191



199, 196, 189



191, 196, 188

Triad

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



199, 196, 189



188, 193, 196



195, 193, 199

Complementary

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



199, 196, 189



189, 193, 199

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.



192, 194, 200



199, 196, 189



187, 192, 197

Square

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



199, 196, 189



190, 195, 196



189, 193, 199



198, 193, 197

Rectangle

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



199, 196, 189



189, 195, 190



189, 193, 199



194, 194, 199

Sweetspot

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



199, 196, 189



255, 253, 250



199, 189, 195



128, 127, 125



0, 0, 0



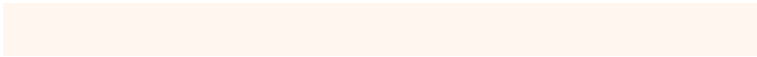
128, 128, 128

Same Dimension

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



199, 196, 189



255, 250, 240



190, 199, 189



99, 97, 92



163, 114, 0



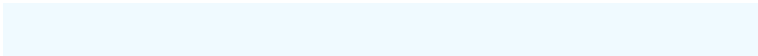
36, 26, 0

Inverse Universe

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



189, 193, 199



240, 246, 255



189, 190, 199



92, 95, 99



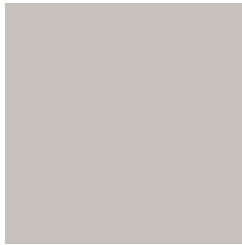
0, 60, 163



0, 13, 36

Previews

White Background



This preview shows how the RYB color 199, 196, 189 looks on a white background.

Color Contrast Check

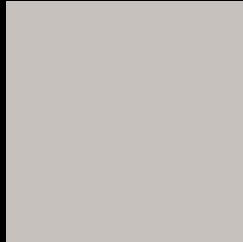
Large Text (above 18pt) WCAG AA × Fail

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 199, 196, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

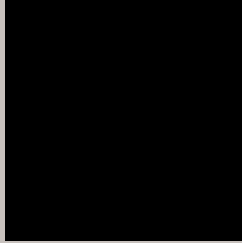
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

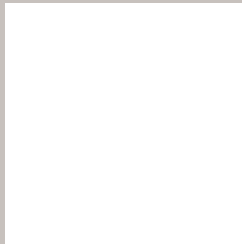
Any Text WCAG AAA ✓ Pass

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

R Y B 199, 196, 189 Background



This preview shows how black text looks on a background with the RYB color 199, 196, 189.

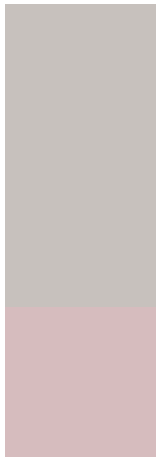


This preview shows how white text looks on a background with the RYB color 199, 196, 189.

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
199, 196, 189

Protanopia
199, 196, 189

Deuteranopia
214, 188, 190



Tritanopia
201, 191, 206

Trichromacy



Original Color

199, 196, 189

Protanomaly

199, 196, 189

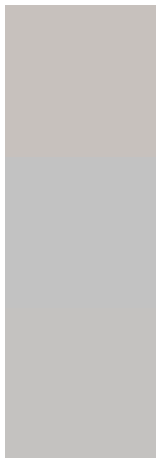
Deuteranomaly

209, 190, 190

Tritanomaly

200, 192, 200

Monochromacy



Original Color

199, 196, 189

Achromatopsia

194, 194, 194

Achromatomaly

196, 196, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 196, 189 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(199, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 189)  
}
```

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(199, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 189) }
```

Border

The CSS property to change the border of an element to RYB 199, 196, 189 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(199, 193, 189) }
```

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

```
.border{ border-color:rgb(199, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 199, 196, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 189) }
```

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

```
.background{ background-color: rgb(199,  
193, 189) }
```

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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