

Converting Colors

RGB(217, 216, 199)

Have a look what the booklet for
RGB(217, 216, 199) contains.

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Color

RGB(217, 216, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8C7
RGB	217, 216, 199
RGB Percent	85%, 85%, 78%
CMY	0.1490, 0.1529, 0.2196
CMYK	0.00, 0.00, 0.08, 0.15
HSL	57°, 19%, 82%
HSV	57°, 8%, 85%
XYZ	63.4799, 67.9870, 63.8099
YIQ	214.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

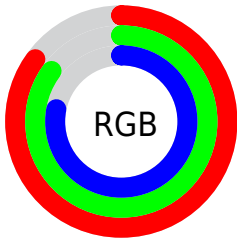
Format	Color
R _Y B	200, 217, 199
Decimal	14276807
CIE Lab	86.00, -2.60, 8.49
CIE LCh	86, 8.883, 107.019
Yxy	67.9870, 0.3251, 0.3482
Android (android.graphics.Color)	4292466887 (0xFFD9D8C7)
YUV	214.3610, -7.5730, 2.3144
Hunter-Lab	82.4542, -6.8711, 11.8344

Details

The RGB color **217, 216, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 200, 217**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 161, 145** is the 20% darker color. If you saturate the color by 10%, you get **217, 215, 177**, and if you desaturate by 10%, it is **217, 217, 221**.

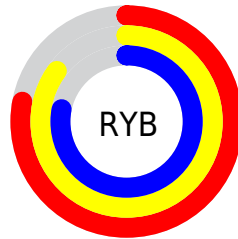
Distribution



Red (85%)

Green (85%)

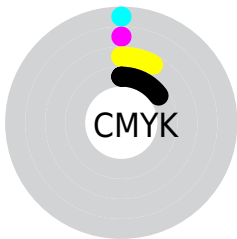
Blue (78%)



Red (78%)

Yellow (85%)

Blue (78%)

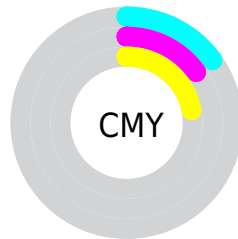


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 216, 199 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 RGB color 217, 216, 199 by changing the saturation by 10% instead.

■ 217, 216, 199

255, 255, 255

■ 217, 216, 199

■ 189, 188, 172

■ 162, 161, 145

■ 136, 135, 119

■ 110, 110, 95

■ 86, 85, 71

■ 63, 62, 49

■ 41, 40, 28

■ 21, 20, 1

■ 0, 0, 0

 217, 216, 199

 217, 216, 199

 217, 215, 177

 217, 217, 221

 217, 214, 156

 217, 218, 242

 217, 212, 134

 217, 220, 255

 217, 211, 112

 217, 221, 255

 217, 210, 91

 217, 222, 255

 217, 209, 69

 217, 223, 255

 217, 208, 47

 217, 224, 255

 217, 206, 25

 217, 226, 255

 217, 205, 4

 217, 227, 255

Harmonies

Analogous

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



226, 213, 199



217, 216, 199



207, 218, 203

Triad

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



217, 216, 199



196, 219, 227



230, 210, 219

Complementary

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



217, 216, 199



199, 200, 217

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.



223, 212, 227



217, 216, 199



203, 217, 231

Square

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



217, 216, 199



195, 220, 220



212, 214, 231



234, 210, 210

Rectangle

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



217, 216, 199



201, 220, 208



212, 214, 231



228, 210, 222

Sweetspot

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



217, 216, 199



255, 255, 250



217, 199, 200



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



217, 216, 199



255, 254, 230



209, 217, 199



110, 109, 99



173, 164, 0



46, 43, 0

Inverse Universe

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



199, 200, 217



230, 231, 255



207, 199, 217



99, 99, 110



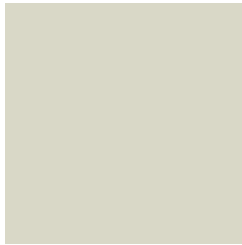
0, 10, 173



0, 3, 46

Previews

White Background



This preview shows how the RGB color 217, 216, 199 looks on a white background.

Color Contrast Check

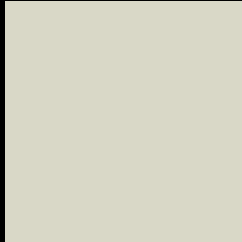
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 217, 216, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

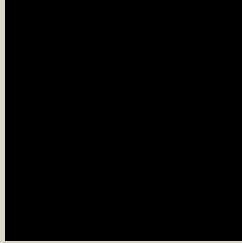
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

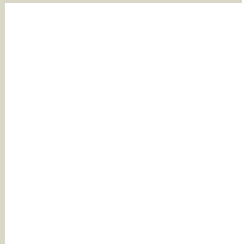
Any Text WCAG AAA ✓ Pass

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

RGB 217, 216, 199 Background



This preview shows how black text looks on a background with the RGB color 217, 216, 199.



This preview shows how white text looks on a background with the RGB color 217, 216, 199.

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
217, 216, 199

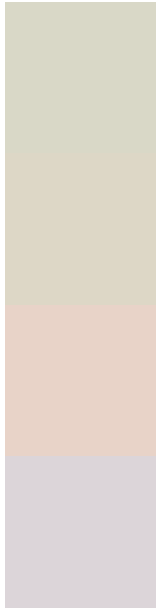
Protanopia
223, 214, 198

Deuteranopia
241, 208, 201



Tritanopia
221, 212, 228

Trichromacy



Original Color

217, 216, 199

Protanomaly

221, 215, 198

Deuteranomaly

232, 211, 200

Tritanomaly

220, 213, 217

Monochromacy



Original Color

217, 216, 199

Achromatopsia

214, 214, 214

Achromatomaly

215, 215, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 216, 199 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(217, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 199)  
}
```

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(217, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 199) }
```

Border

The CSS property to change the border of an element to RGB 217, 216, 199 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(217, 216, 199) }
```

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

```
.border{ border-color:rgb(217, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 217, 216, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 199) }
```

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

```
.background{ background-color: rgb(217,  
216, 199) }
```

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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