Converting Colors

RGB(222, 196, 191)

Have a look what the booklet for RGB(222, 196, 191) contains.

Color

RGB(222, 196, 191)

Conversions

Format	Color
Hex	DEC4BF
RGB	222, 196, 191
RGB Percent	87%, 77%, 75%
CMY	0.1294, 0.2314, 0.2510
CMYK	0.00, 0.12, 0.14, 0.13
HSL	10°, 32%, 81%
HSV	10°, 14%, 87%
XYZ	59.2681, 58.7710, 57.5104
YIQ	203.2040, 17.1010, 3.9570

Conversions Part 1

Conversions

Conversions Part 2

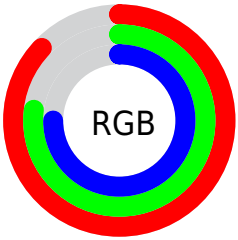
Format	Color
RYB	222, 197, 191
Decimal	14599359
CIELab	81.17, 8.35, 5.86
CIELCh	81, 10.200, 35.054
Yxy	58.7710, 0.3376, 0.3348
Android (android.graphics.Color)	4292789439 (0xFFDEC4BF)
YUV	203.2040, -6.0166, 16.4841
Hunter-Lab	76.6623, 3.8405, 9.1855

Details

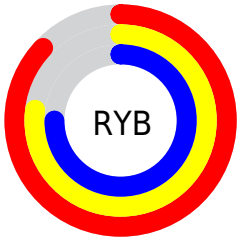
The RGB color 222, 196, 191 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 191, 217, 222, and the grayscale version is 203, 203, 203.

A 20% lighter version of the original color is 255, 253, 247, and 167, 142, 138 is the 20% darker color. If you saturate the color by 10%, you get 222, 177, 169, and if you desaturate by 10%, it is 222, 215, 213.

Distribution

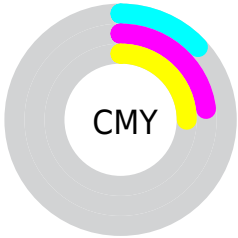


- Red (87%)
- Green (77%)
- Blue (75%)



- Red (87%)
- Yellow (77%)
- Blue (75%)

- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 196, 191 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 222, 196, 191 by changing the saturation by 10% instead.

222, 196, 191

255, 255, 255

255, 253, 247

222, 196, 191

194, 169, 164

167, 142, 138

140, 117, 112

114, 92, 88

90, 69, 65

66, 46, 43

43, 25, 22

23, 0, 0

0, 0, 0

222, 196, 191

222, 177, 169

222, 159, 147

222, 140, 124

222, 122, 102

222, 103, 80

222, 84, 58

222, 66, 36

222, 47, 13

222, 36, 0

222, 196, 191

222, 215, 213

222, 233, 235

222, 252, 255

222, 255, 255

Harmonies

Analogous

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

222, 195, 200

222, 196, 191

217, 198, 185

Triad

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

222, 196, 191

187, 207, 193

194, 202, 220

Complementary

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

222, 196, 191

191, 217, 222

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.

184, 205, 219

222, 196, 191

180, 207, 203

Square

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

222, 196, 191

197, 204, 186

178, 207, 212

206, 199, 217

Rectangle

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

222, 196, 191

211, 200, 183

178, 207, 212

190, 203, 220

Sweetspot

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

222, 196, 191

255, 246, 245

222, 191, 217

128, 122, 121

0, 0, 0

128, 128, 128

Same Dimension

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

222, 196, 191

255, 219, 212

222, 211, 191

112, 103, 101

176, 28, 0

48, 8, 0

Inverse Universe

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

191, 217, 222

212, 248, 255

191, 202, 222

101, 110, 112

0, 148, 176

0, 41, 48

Previews

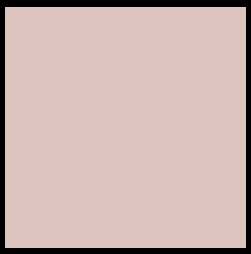
White Background

This preview shows how the RGB color 222, 196, 191 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



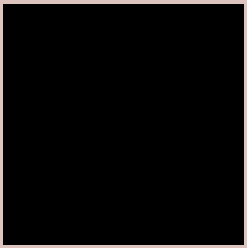
This preview shows how the RGB color 222, 196, 191 looks on a black background.

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 222, 196, 191 Background



This preview shows how black text looks on a background with the RGB color 222, 196, 191.

This preview shows how white text looks on a background with the RGB color 222, 196, 191.

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
222, 196, 191

Protanopia
207, 201, 194

Deuteranopia
225, 195, 191

Tritanopia
224, 193, 208

Trichromacy

Original Color
222, 196, 191

Protanomaly
212, 199, 193

Deuteranomaly
224, 195, 191

Tritanomaly
223, 194, 202

Monochromacy

Original Color
222, 196, 191

Achromatopsia
203, 203, 203

Achromatomaly
210, 200, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 196, 191 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(222, 196, 191) looks like.

```
.text, #text, p{
    color:rgb(222, 196, 191)
}
```

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(222, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 191) }
```

Border

The CSS property to change the border of an element to RGB 222, 196, 191 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(222, 196, 191) }
```

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

```
.border{ border-color:rgb(222, 196, 191) }
```

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

Here you see how a box with a 4 pixel rgb(222, 196, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 196, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 196, 191); box-shadow:4px 4px 4px 4px rgb(222, 196, 191) }
```

Background

The CSS property to change the background color of an element to RGB 222, 196, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 196, 191) }
```

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

```
.background{ background-color:rgb(222,
196, 191) }
```

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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