

Converting Colors

`RYB(220, 198, 186)`

Have a look what the booklet for
RYB(220, 198, 186) contains.

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Color

R_YB(220, 198, 186)

Conversions

Conversions Part 1

Format	Color
Hex	DCC3BA
RGB	220, 195, 186
RGB Percent	86%, 76%, 73%
CMY	0.1373, 0.2358, 0.2706
CMYK	0.00, 0.11, 0.15, 0.14
HSL	16°, 33%, 80%
HSV	16°, 15%, 86%
XYZ	57.8640, 57.7326, 54.5481
YIQ	201.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

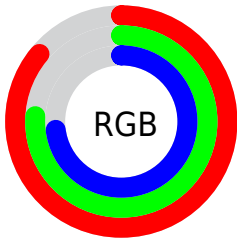
Format	Color
R _Y B	220, 198, 186
Decimal	14468026
CIE Lab	80.59, 7.43, 7.69
CIE LCh	81, 10.694, 45.984
Yxy	57.7326, 0.3401, 0.3393
Android (android.graphics.Color)	4292658106 (0xFFDCC3BA)
YUV	201.4490, -7.6164, 16.2692
Hunter-Lab	75.9820, 2.9681, 10.6226

Details

The RYB color **220, 198, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 200, 220**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **246, 255, 242**, and **165, 144, 133** is the 20% darker color. If you saturate the color by 10%, you get **220, 184, 164**, and if you desaturate by 10%, it is **220, 212, 208**.

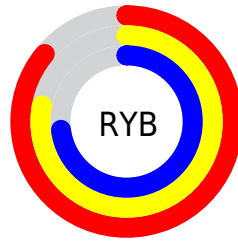
Distribution



Red (86%)

Green (76%)

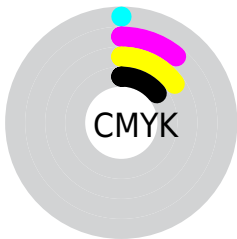
Blue (73%)



Red (86%)

Yellow (78%)

Blue (73%)

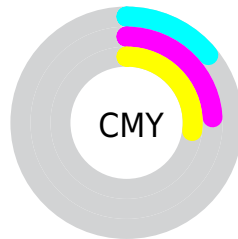


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 220, 198, 186 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 220, 198, 186 by changing the saturation by 10% instead.

 220, 198, 186

255, 255, 255

 248, 255, 242


 220, 198, 186

 192, 171, 159


 165, 144, 133

 138, 119, 108

 112, 94, 83

 88, 71, 60

 64, 47, 39

 41, 28, 18

 20, 0, 0

 0, 0, 0

■ 220, 198, 186

■ 220, 198, 186

■ 220, 184, 164

■ 220, 212, 208

■ 220, 169, 142

■ 220, 224, 230

■ 220, 155, 120

■ 220, 234, 252

■ 220, 141, 98

■ 220, 238, 255

■ 220, 128, 76

■ 220, 112, 54

■ 220, 98, 32

■ 220, 85, 10

■ 220, 77, 0

Harmonies

Analogous

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



222, 193, 195



220, 198, 186



209, 213, 181

Triad

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



220, 198, 186



181, 197, 206



196, 199, 219

Complementary

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



220, 198, 186



186, 200, 220

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, 196, 219



220, 198, 186



176, 191, 206

Square

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



220, 198, 186



186, 204, 199



177, 193, 214



208, 196, 214

Rectangle

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



220, 198, 186



188, 206, 180



177, 193, 214



192, 198, 220

Sweetspot

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



220, 198, 186



255, 248, 242



220, 186, 211



128, 123, 120



0, 0, 0



128, 128, 128

Same Dimension

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



220, 198, 186



255, 223, 207



198, 220, 186



110, 103, 99



173, 61, 0



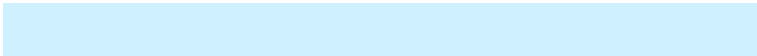
46, 16, 0

Inverse Universe

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



186, 200, 220



207, 227, 255



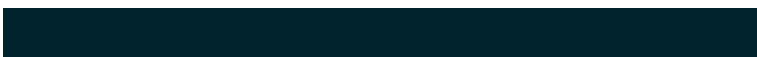
186, 193, 220



99, 104, 110



0, 74, 173



0, 20, 46

Previews

White Background



This preview shows how the RYB color 220, 198, 186 looks on a white background.

Color Contrast Check

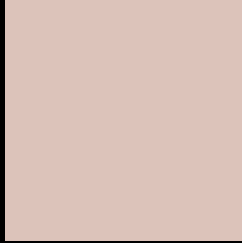
Large Text (above 18pt) WCAG AA × Fail

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 220, 198, 186 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 220, 198, 186 Background



This preview shows how black text looks on a background with the RYB color 220, 198, 186.



This preview shows how white text looks on a background with the RYB color 220, 198, 186.

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
[220, 198, 186](#)

Protanopia
[199, 206, 188](#)

Deuteranopia
[225, 195, 186](#)



Tritanopia
223, 192, 207

Trichromacy



Original Color

220, 198, 186

Protanomaly

211, 204, 187

Deuteranomaly

223, 196, 186

Tritanomaly

222, 193, 199

Monochromacy



Original Color

220, 198, 186

Achromatopsia

201, 201, 201

Achromatomaly

208, 200, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 198, 186 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(220, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(220, 195, 186)  
}
```

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(220, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 195, 186) }
```

Border

The CSS property to change the border of an element to RYB 220, 198, 186 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(220, 195, 186) }
```

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

```
.border{ border-color:rgb(220, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(220, 195,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 220, 195, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 195, 186) }
```

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

```
.background{ background-color: rgb(220,  
195, 186) }
```

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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