

Converting Colors

`RYB(213, 196, 192)`

Have a look what the booklet for RYB(213, 196, 192) contains.

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Color

R_YB(213, 196, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3C0
RGB	213, 195, 192
RGB Percent	84%, 76%, 75%
CMY	0.1647, 0.2339, 0.2471
CMYK	0.00, 0.08, 0.10, 0.16
HSL	10°, 20%, 79%
HSV	10°, 10%, 84%
XYZ	56.5509, 57.1436, 57.9184
YIQ	200.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

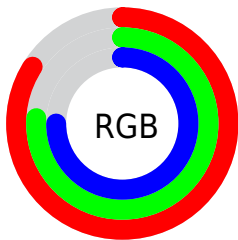
Format	Color
R _Y B	213, 196, 192
Decimal	14009280
CIE Lab	80.26, 5.62, 3.92
CIE LCh	80, 6.851, 34.863
Yxy	57.1436, 0.3295, 0.3330
Android (android.graphics.Color)	4292199360 (0xFFD5C3C0)
YUV	200.0400, -3.9637, 11.3659
Hunter-Lab	75.5934, 1.2460, 7.4884

Details

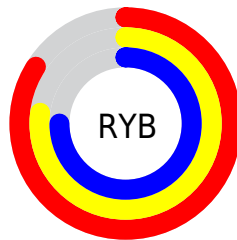
The RYB color **213, 196, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 202, 213**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **253, 255, 248**, and **158, 141, 139** is the 20% darker color. If you saturate the color by 10%, you get **213, 178, 171**, and if you desaturate by 10%, it is **213, 213, 213**.

Distribution



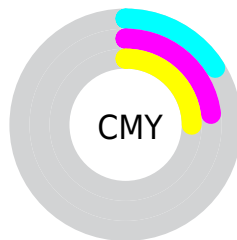
- Red (84%)
- Green (76%)
- Blue (75%)



- Red (84%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 196, 192 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 213, 196, 192 by changing the saturation by 10% instead.


 213, 196, 192

255, 255, 255

 253, 255, 248

 213, 196, 192

 185, 169, 165

 158, 143, 139

 132, 117, 113

 107, 93, 89

 82, 69, 65

 59, 47, 43

 37, 25, 23

 15, 0, 0


 0, 0, 0

 213, 196, 192

 213, 196, 192

 213, 178, 171


 213, 213, 213

 213, 162, 149


 213, 223, 235


 213, 145, 128


 213, 232, 255


 213, 127, 107

 213, 234, 255

 213, 110, 85

 213, 93, 64

 213, 75, 43

 213, 58, 22

 213, 40, 0

Harmonies

Analogous

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



213, 195, 198



213, 196, 192



210, 203, 188

Triad

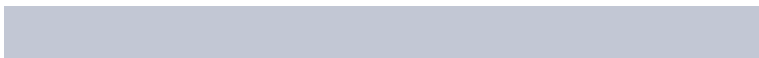
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 196, 192



189, 199, 202



194, 198, 212

Complementary

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



213, 196, 192



192, 202, 213

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.



187, 196, 210



213, 196, 192



185, 195, 203

Square

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



213, 196, 192



189, 201, 194



184, 194, 206



202, 197, 210

Rectangle

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



213, 196, 192



199, 206, 186



184, 194, 206



191, 197, 212

Sweetspot

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



213, 196, 192



255, 250, 247



213, 192, 210



128, 123, 122



0, 0, 0



128, 128, 128

Same Dimension

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



213, 196, 192



255, 230, 224



203, 213, 192



107, 98, 96



171, 32, 0



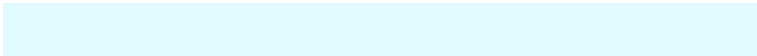
43, 8, 0

Inverse Universe

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



192, 202, 213



224, 238, 255



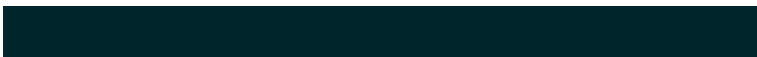
192, 197, 213



96, 101, 107



0, 78, 171



0, 20, 43

Previews

White Background



This preview shows how the RYB color 213, 196, 192 looks on a white background.

Color Contrast Check

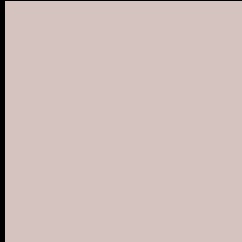
Large Text (above 18pt) WCAG AA × Fail

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 213, 196, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

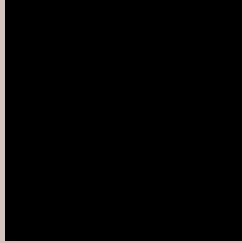
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

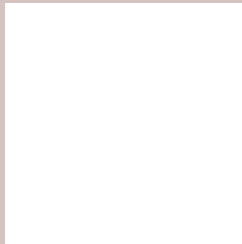
Any Text WCAG AAA ✓ Pass

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

RYP 213, 196, 192 Background



This preview shows how black text looks on a background with the RYB color 213, 196, 192.





This preview shows how white text looks on a background with the RYB color 213, 196, 192.

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 213, 196, 192
	Protanopia 204, 201, 194
	Deuteranopia 221, 193, 193



Tritanopia
215, 193, 208

Trichromacy



Original Color

213, 196, 192

Protanomaly

207, 199, 193

Deuteranomaly

218, 194, 193

Tritanomaly

214, 194, 202

Monochromacy



Original Color

213, 196, 192

Achromatopsia

200, 200, 200

Achromatomaly

205, 198, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 196, 192 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(213, 195, 192) looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 192)  
}
```

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(213, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 192) }
```

Border

The CSS property to change the border of an element to RYB 213, 196, 192 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(213, 195, 192) }
```

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

```
.border{ border-color:rgb(213, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 213, 196, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 192) }
```

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

```
.background{ background-color: rgb(213,  
195, 192) }
```

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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