

Converting Colors

`RYB(222, 213, 213)`

Have a look what the booklet for
RYB(222, 213, 213) contains.

RYB(222, 213, 213)	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

$\text{RYB}(222, 213, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	DED5D5
RGB	222, 213, 213
RGB Percent	87%, 84%, 84%
CMY	0.1294, 0.1647, 0.1647
CMYK	0.00, 0.04, 0.04, 0.13
HSL	0°, 12%, 85%
HSV	0°, 4%, 87%
XYZ	65.9287, 67.9222, 72.5863
YIQ	215.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

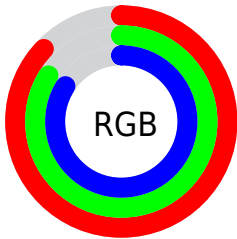
Format	Color
R _Y B	222, 213, 213
Decimal	14603733
CIE Lab	85.97, 3.09, 1.09
CIE LCh	86, 3.276, 19.469
Yxy	67.9222, 0.3194, 0.3290
Android (android.graphics.Color)	4292793813 (0xFFDED5D5)
YUV	215.6910, -1.3267, 5.5330
Hunter-Lab	82.4149, -1.4331, 5.4713

Details

The RYB color **222, 213, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 218, 222**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 158, 158** is the 20% darker color. If you saturate the color by 10%, you get **222, 191, 191**, and if you desaturate by 10%, it is **222, 229, 235**.

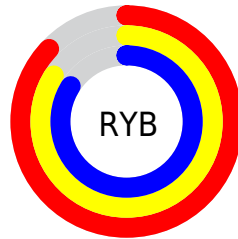
Distribution



Red (87%)

Green (84%)

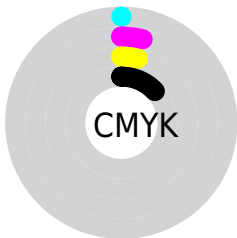
Blue (84%)



Red (87%)

Yellow (84%)

Blue (84%)

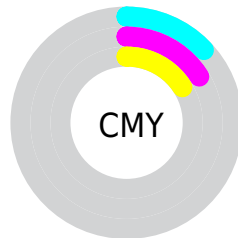


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 213, 213 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 222, 213, 213 by changing the saturation by 10% instead.

■ 222, 213, 213

255, 255, 255

■ 222, 213, 213

■ 194, 185, 185

■ 167, 158, 158

■ 141, 132, 132

■ 115, 107, 107

■ 90, 83, 83

■ 67, 60, 60


■ 45, 38, 38

■ 25, 18, 18


■ 0, 0, 0

 222, 213, 213

 222, 213, 213


 222, 191, 191

 222, 229, 235

 222, 169, 169

 222, 239, 255

 222, 146, 146

 222, 124, 124

 222, 102, 102

 222, 80, 80

 222, 58, 58

 222, 35, 35

 222, 13, 13

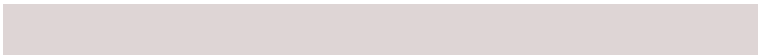
Harmonies

Analogous

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



221, 213, 216



222, 213, 213



221, 214, 210

Triad

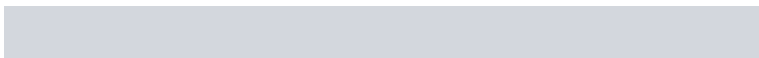
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 213, 213



211, 216, 215



211, 214, 221

Complementary

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



222, 213, 213



213, 218, 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.



208, 213, 220



222, 213, 213



209, 214, 217

Square

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



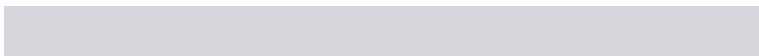
222, 213, 213



209, 215, 209



208, 213, 217



214, 215, 221

Rectangle

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



222, 213, 213



220, 218, 209



208, 213, 217



210, 214, 221

Sweetspot

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



222, 213, 213



255, 252, 252



222, 213, 222



128, 126, 126



0, 0, 0



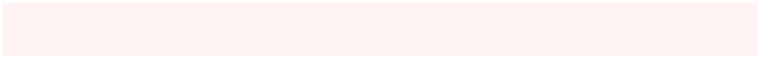
128, 128, 128

Same Dimension

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



222, 213, 213



255, 242, 242



220, 222, 213



112, 105, 105



176, 0, 0



48, 0, 0

Inverse Universe

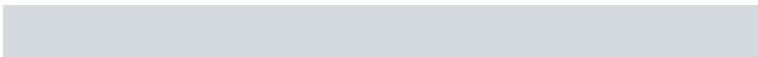
The Inverse Universe completely reimagines the original color for something new.



213, 218, 222



242, 249, 255



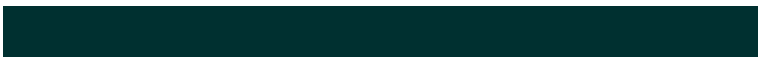
213, 216, 222



105, 109, 112



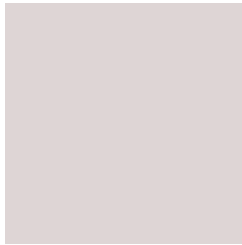
0, 88, 176



0, 24, 48

Previews

White Background



This preview shows how the RYB color 222, 213, 213 looks on a white background.

Color Contrast Check

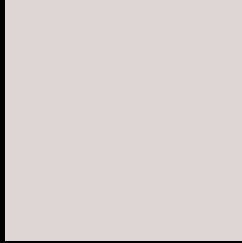
Large Text (above 18pt) WCAG AA × Fail

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 222, 213, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

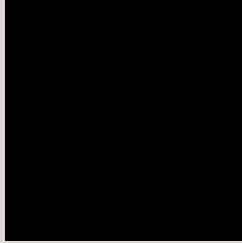
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

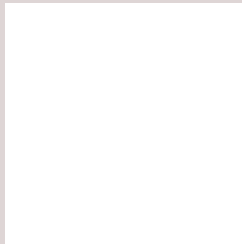
Any Text WCAG AAA ✓ Pass

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

RYB 222, 213, 213 Background



This preview shows how black text looks on a background with the RYB color 222, 213, 213.

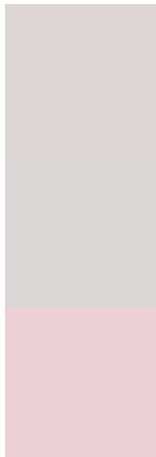


This preview shows how white text looks on a background with the RYB color 222, 213, 213.

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](#).

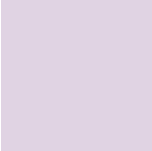
Dichromacy



Original Color
[222](#), [213](#), [213](#)

Protanopia
[219](#), [214](#), [214](#)

Deuteranopia
[236](#), [208](#), [214](#)



Tritanopia
224, 211, 227

Trichromacy



Original Color

222, 213, 213

Protanomaly

220, 214, 214

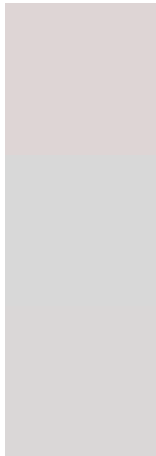
Deuteranomaly

231, 210, 214

Tritanomaly

223, 212, 222

Monochromacy



Original Color

222, 213, 213

Achromatopsia

216, 216, 216

Achromatomaly

218, 215, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 213, 213 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, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 213)  
}
```

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, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 213) }
```

Border

The CSS property to change the border of an element to RYB 222, 213, 213 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, 213, 213) }
```

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

```
.border{ border-color:rgb(222, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 222, 213, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 213) }
```

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

```
.background{ background-color: rgb(222,  
213, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor