

Converting Colors

`RYB(222, 217, 218)`

Have a look what the booklet for
RYB(222, 217, 218) contains.

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Color

R_YB(222, 217, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DED9DA
RGB	222, 217, 218
RGB Percent	87%, 85%, 85%
CMY	0.1294, 0.1490, 0.1451
CMYK	0.00, 0.02, 0.02, 0.13
HSL	348°, 7%, 86%
HSV	348°, 2%, 87%
XYZ	67.5919, 70.2173, 76.3205
YIQ	218.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

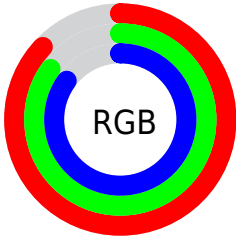
Format	Color
R _Y B	222, 217, 218
Decimal	14604762
CIE Lab	87.10, 1.88, 0.10
CIE LCh	87, 1.887, 3.161
Yxy	70.2173, 0.3157, 0.3279
Android (android.graphics.Color)	4292794842 (0xFFDED9DA)
YUV	218.6090, -0.3002, 2.9739
Hunter-Lab	83.7957, -2.6595, 4.6562

Details

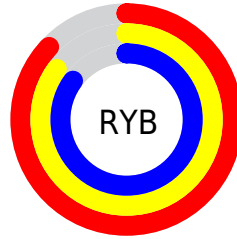
The RYB color **222, 217, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 220, 222**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 162, 163** is the 20% darker color. If you saturate the color by 10%, you get **222, 195, 200**, and if you desaturate by 10%, it is **222, 231, 239**.

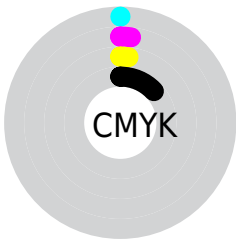
Distribution



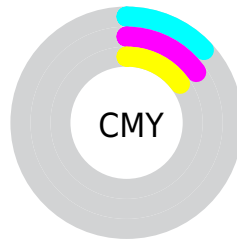
- Red (87%)
- Green (85%)
- Blue (85%)



- Red (87%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 222, 217, 218 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, 217, 218 by changing the saturation by 10% instead.

■ 222, 217, 218

255, 255, 255

■ 222, 217, 218

■ 194, 189, 190

■ 167, 162, 163

■ 141, 136, 137

■ 115, 111, 112

■ 91, 86, 87

■ 67, 63, 64

■ 45, 41, 42

■ 24, 21, 22

■ 0, 0, 0

■ 222, 217, 218

■ 222, 217, 218

■ 222, 195, 200

■ 222, 231, 239

■ 222, 173, 182

■ 222, 239, 255

■ 222, 150, 165

■ 222, 239, 255

■ 222, 128, 147

■ 222, 106, 129

■ 222, 84, 111

■ 222, 62, 94

■ 222, 39, 76

■ 222, 17, 58

Harmonies

Analogous

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



221, 217, 220



222, 217, 218



222, 217, 216

Triad

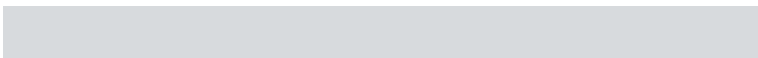
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 217, 218



215, 219, 217



215, 217, 221

Complementary

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



222, 217, 218



217, 220, 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.



214, 217, 220



222, 217, 218



216, 219, 219

Square

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



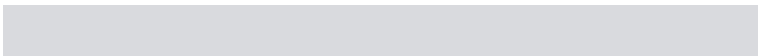
222, 217, 218



218, 220, 215



214, 217, 219



217, 218, 222

Rectangle

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



222, 217, 218



222, 218, 215



214, 217, 219



214, 217, 221

Sweetspot

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



222, 217, 218



255, 252, 253



221, 217, 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, 217, 218



255, 247, 249



222, 220, 217



112, 108, 109



176, 0, 35



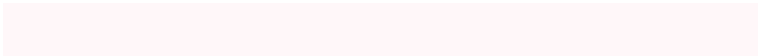
48, 0, 10

Inverse Universe

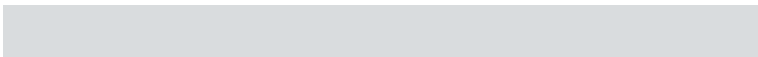
The Inverse Universe completely reimagines the original color for something new.



222, 217, 218



255, 247, 249



217, 219, 222



112, 108, 109



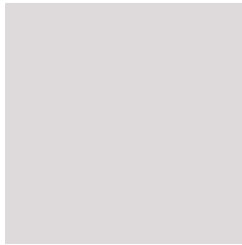
176, 0, 35



48, 0, 10

Previews

White Background



This preview shows how the RYB color 222, 217, 218 looks on a white background.

Color Contrast Check

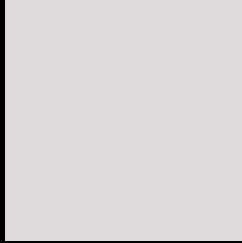
Large Text (above 18pt) WCAG AA × Fail

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, 217, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

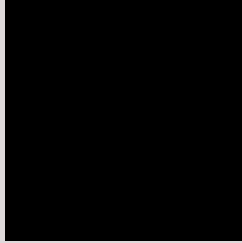
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

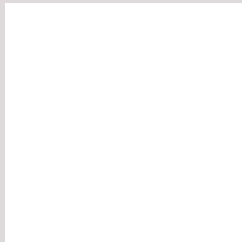
Any Text WCAG AAA ✓ Pass

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

RYB 222, 217, 218 Background



This preview shows how black text looks on a background with the RYB color 222, 217, 218.

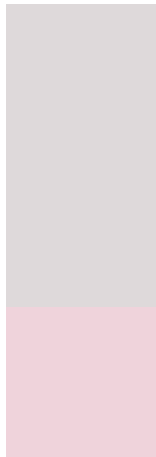


This preview shows how white text looks on a background with the RYB color 222, 217, 218.

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](#).

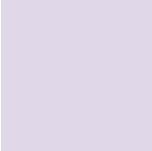
Dichromacy



Original Color
222, 217, 218

Protanopia
222, 217, 218

Deuteranopia
239, 211, 219



Tritanopia
224, 215, 232

Trichromacy



Original Color

222, 217, 218

Protanomaly

222, 217, 218

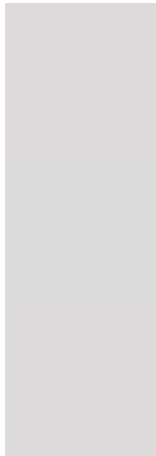
Deuteranomaly

233, 213, 219

Tritanomaly

223, 216, 227

Monochromacy



Original Color

222, 217, 218

Achromatopsia

219, 219, 219

Achromatomaly

220, 218, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 217, 218 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, 217, 218) looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 218)  
}
```

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, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 218) }
```

Border

The CSS property to change the border of an element to RYB 222, 217, 218 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, 217, 218) }
```

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

```
.border{ border-color:rgb(222, 217, 218) }
```

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

Here you see how a box with a 4 pixel rgb(222, 217, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 222, 217, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 218) }
```

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

```
.background{ background-color: rgb(222,  
217, 218) }
```

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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