

Converting Colors

`RYB(216, 175, 173)`

Have a look what the booklet for
RYB(216, 175, 173) contains.

RYB(216, 175, 173)	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

$\text{RYB}(216, 175, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	D8AFAD
RGB	216, 175, 173
RGB Percent	85%, 69%, 68%
CMY	0.1529, 0.3141, 0.3216
CMYK	0.00, 0.19, 0.20, 0.15
HSL	3°, 36%, 76%
HSV	3°, 20%, 85%
XYZ	51.1744, 48.2414, 46.1495
YIQ	187.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

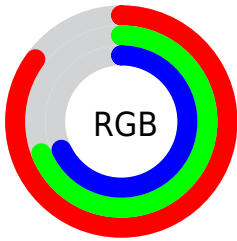
Format	Color
R _Y B	216, 175, 173
Decimal	14200749
CIE Lab	74.98, 14.62, 6.62
CIE LCh	75, 16.051, 24.372
Yxy	48.2414, 0.3516, 0.3314
Android (android.graphics.Color)	4292390829 (0xFFD8AFAD)
YUV	187.0310, -6.9173, 25.4058
Hunter-Lab	69.4560, 9.9687, 9.2245

Details

The RYB color **216, 175, 173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173, 194, 216**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 231, 228**, and **161, 122, 121** is the 20% darker color. If you saturate the color by 10%, you get **216, 154, 151**, and if you desaturate by 10%, it is **216, 196, 195**.

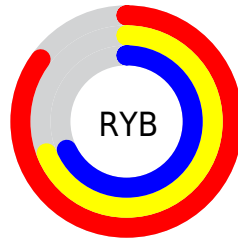
Distribution



Red (85%)

Green (69%)

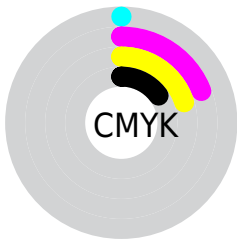
Blue (68%)



Red (85%)

Yellow (69%)

Blue (68%)

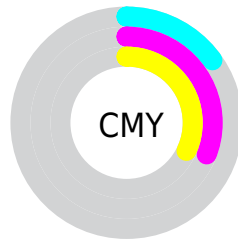


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RYB color 216, 175, 173 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 216, 175, 173 by changing the saturation by 10% instead.


 216, 175, 173

 216, 175, 173

255, 255, 255

 188, 148, 146

 255, 231, 228

 161, 122, 121

 134, 97, 96

 108, 73, 72


 83, 51, 50

 59, 29, 29

 38, 6, 3


 0, 0, 0

 216, 175, 173

 216, 175, 173

 216, 154, 151

 216, 196, 195

 216, 134, 130

 216, 216, 216

 216, 113, 108

 216, 227, 238

 216, 92, 87

 216, 236, 255

 216, 72, 65

 216, 51, 43

 216, 30, 22

 216, 10, 0

Harmonies

Analogous

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



213, 175, 188



216, 175, 173



211, 187, 161

Triad

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



216, 175, 173



166, 190, 191



165, 180, 214

Complementary

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



216, 175, 173



173, 194, 216

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.



151, 175, 208



216, 175, 173



152, 176, 193

Square

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



216, 175, 173



158, 187, 162



146, 170, 196



184, 182, 211

Rectangle

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



216, 175, 173



200, 204, 156



146, 170, 196



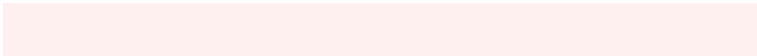
159, 178, 213

Sweetspot

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



216, 175, 173



255, 240, 240



216, 173, 215



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



216, 175, 173



255, 197, 194



210, 216, 173



107, 97, 96



171, 8, 0



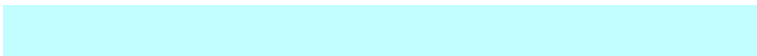
43, 2, 0

Inverse Universe

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



173, 194, 216



194, 224, 255



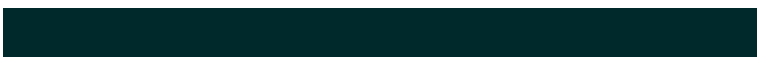
173, 187, 216



96, 102, 107



0, 83, 171



0, 21, 43

Previews

White Background



This preview shows how the RYB color 216, 175, 173 looks on a white background.

Color Contrast Check

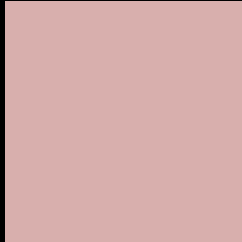
Large Text (above 18pt) WCAG AA × Fail

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 216, 175, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

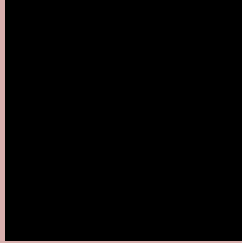
Any Text WCAG AA ✓ Pass

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 216, 175, 173 Background



This preview shows how black text looks on a background with the RYB color 216, 175, 173.



This preview shows how white text looks on a background with the RYB color 216, 175, 173.

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
216, 175, 173

Protanopia
190, 190, 178

Deuteranopia
207, 179, 172



Tritanopia
218, 173, 186

Trichromacy



Original Color

216, 175, 173

Protanomaly

199, 182, 176

Deuteranomaly

210, 178, 172

Tritanomaly

217, 174, 181

Monochromacy



Original Color

216, 175, 173

Achromatopsia

187, 187, 187

Achromatomaly

198, 183, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 175, 173 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(216, 175, 173) looks like.

```
.text, #text, p{  
    color:rgb(216, 175, 173)  
}
```

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(216, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 175, 173) }
```

Border

The CSS property to change the border of an element to RYB 216, 175, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

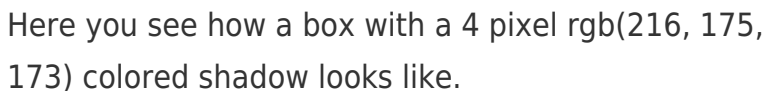
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 175, 173) }
```

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

```
.border{ border-color:rgb(216, 175, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 175, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 175, 173); box-shadow:4px 4px 4px 4px rgb(216, 175, 173) }
```

Background

The CSS property to change the background color of an element to RYB 216, 175, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 175, 173) }
```

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

```
.background{ background-color: rgb(216,  
175, 173) }
```

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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