

Converting Colors

`RYB(210, 176, 162)`

Have a look what the booklet for
RYB(210, 176, 162) contains.

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Color

R_YB(210, 176, 162)

Conversions

Conversions Part 1

Format	Color
Hex	D2ADA2
RGB	210, 173, 162
RGB Percent	82%, 68%, 64%
CMY	0.1765, 0.3222, 0.3647
CMYK	0.00, 0.18, 0.23, 0.18
HSL	14°, 35%, 73%
HSV	14°, 23%, 82%
XYZ	48.0126, 46.1356, 40.5569
YIQ	182.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

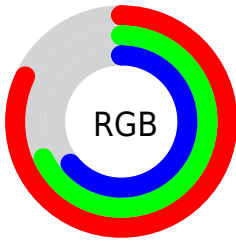
Format	Color
R_{YB}	210, 176, 162
Decimal	13807010
CIE _{Lab}	73.63, 11.86, 10.64
CIE _{LCh}	74, 15.930, 41.903
Yxy	46.1356, 0.3564, 0.3425
Android (android.graphics.Color)	4291997090 (0xFFD2ADA2)
YUV	182.8090, -10.2588, 23.8465
Hunter-Lab	67.9232, 7.3100, 12.1442

Details

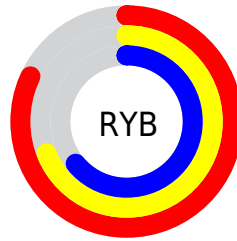
The RYB color **210, 176, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 183, 210**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 232, 217**, and **155, 125, 110** is the 20% darker color. If you saturate the color by 10%, you get **210, 162, 141**, and if you desaturate by 10%, it is **210, 191, 183**.

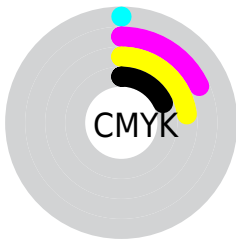
Distribution



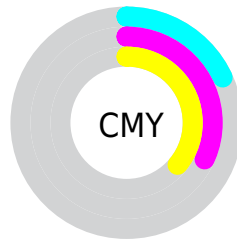
- Red (82%)
- Green (68%)
- Blue (64%)



- Red (82%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 176, 162 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 210, 176, 162 by changing the saturation by 10% instead.

 210, 176, 162

255, 255, 255

 255, 232, 217

 245, 255, 245

 210, 176, 162

 182, 149, 136

 155, 123, 110

 128, 99, 86

 103, 75, 63

 78, 51, 41

 54, 30, 21


 33, 3, 0


 0, 0, 0


 210, 176, 162

 210, 176, 162

 210, 162, 141


 210, 191, 183

 210, 146, 120


 210, 205, 204

 210, 131, 99


 210, 217, 225

 210, 117, 78

 210, 226, 246

 210, 102, 57

 210, 232, 255

 210, 86, 36

 210, 233, 255

 210, 72, 15

 210, 61, 0

Harmonies

Analogous

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



212, 171, 175



210, 176, 162



201, 199, 154

Triad

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



210, 176, 162



154, 178, 189



172, 179, 209

Complementary

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



210, 176, 162



162, 183, 210

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.



155, 174, 208



210, 176, 162



144, 168, 190

Square

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



210, 176, 162



159, 186, 175



144, 169, 200



191, 175, 203

Rectangle

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



210, 176, 162



169, 192, 152



144, 169, 200



166, 178, 210

Sweetspot

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



210, 176, 162



255, 242, 237



210, 162, 200



128, 121, 117



0, 0, 0



128, 128, 128

Same Dimension

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



210, 176, 162



255, 207, 186



182, 210, 162



105, 96, 94



168, 49, 0



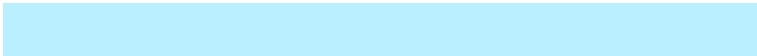
41, 12, 0

Inverse Universe

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



162, 183, 210



186, 216, 255



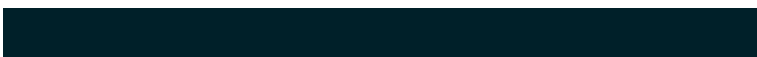
162, 173, 210



94, 99, 105



0, 73, 168



0, 18, 41

Previews

White Background



This preview shows how the RYB color 210, 176, 162 looks on a white background.

Color Contrast Check

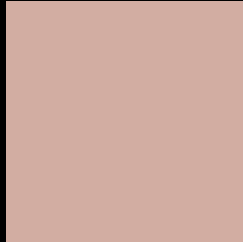
Large Text (above 18pt) WCAG AA × Fail

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 210, 176, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

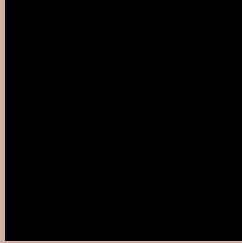
Any Text WCAG AA ✓ Pass

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 210, 176, 162 Background



This preview shows how black text looks on a background with the RYB color 210, 176, 162.



This preview shows how white text looks on a background with the RYB color 210, 176, 162.

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
210, 176, 162

Protanopia
179, 188, 166

Deuteranopia
206, 180, 162



Tritanopia
212, 170, 183

Trichromacy



Original Color

210, 176, 162

Protanomaly

196, 185, 165

Deuteranomaly

207, 178, 162

Tritanomaly

211, 171, 175

Monochromacy



Original Color

210, 176, 162

Achromatopsia

183, 183, 183

Achromatomaly

193, 180, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 176, 162 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(210, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 162)  
}
```

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(210, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 162) }
```

Border

The CSS property to change the border of an element to RYB 210, 176, 162 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(210, 173, 162) }
```

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

```
.border{ border-color:rgb(210, 173, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 173, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 173, 162); box-shadow:4px 4px 4px 4px rgb(210, 173, 162) }
```

Background

The CSS property to change the background color of an element to RYB 210, 176, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 162) }
```

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

```
.background{ background-color: rgb(210,  
173, 162) }
```

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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