

Converting Colors

`RYB(212, 176, 125)`

Have a look what the booklet for RYB(212, 176, 125) contains.

RYB(212, 176, 125)	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

$\text{RYB}(212, 176, 125)$

Conversions

Conversions Part 1

Format	Color
Hex	D49D7D
RGB	212, 157, 125
RGB Percent	83%, 62%, 49%
CMY	0.1686, 0.3837, 0.5098
CMYK	0.00, 0.26, 0.41, 0.17
HSL	22°, 50%, 66%
HSV	22°, 41%, 83%
XYZ	42.9358, 39.6432, 24.7910
YIQ	169.7970, 43.0520, 1.7080

Conversions

Conversions Part 2

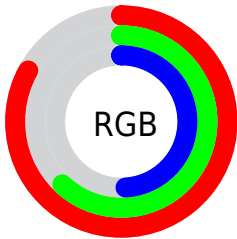
Format	Color
R _Y B	212, 176, 125
Decimal	13933949
CIE Lab	69.21, 16.34, 24.80
CIE LCh	69, 29.696, 56.614
Yxy	39.6432, 0.3999, 0.3692
Android (android.graphics.Color)	4292124029 (0xFFD49D7D)
YUV	169.7970, -22.0849, 37.0120
Hunter-Lab	62.9628, 11.5382, 20.7292

Details

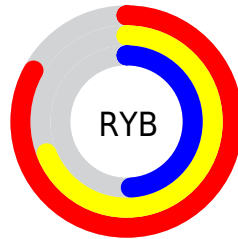
The RYB color **212, 176, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 159, 212**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 239, 178**, and **155, 124, 76** is the 20% darker color. If you saturate the color by 10%, you get **212, 168, 104**, and if you desaturate by 10%, it is **212, 186, 146**.

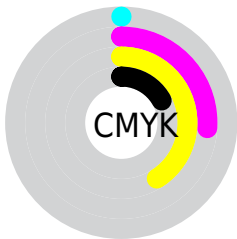
Distribution



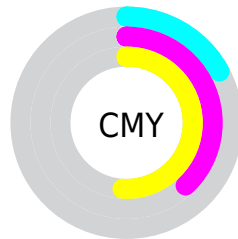
- Red (83%)
- Green (62%)
- Blue (49%)



- Red (83%)
- Yellow (69%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (41%)
- Black (17%)





- Cyan (17%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 212, 176, 125 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 212, 176, 125 by changing the saturation by 10% instead.

 212, 176, 125

 212, 176, 125

255, 255, 255

 183, 149, 100


 255, 239, 178

 155, 124, 76

 226, 255, 205

 128, 98, 53

 234, 255, 234

 101, 75, 31


 75, 56, 8

 50, 21, 0

 26, 0, 1


 0, 0, 0

 212, 176, 125

 212, 176, 125

 212, 168, 104


 212, 186, 146

 212, 157, 83


 212, 194, 167

 212, 150, 61


 212, 201, 189

 212, 142, 40

 212, 212, 210

 212, 131, 19

 212, 219, 231

 212, 123, 0

 212, 227, 252

 212, 232, 255

 212, 234, 255

Harmonies

Analogous

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



222, 150, 146



212, 176, 125



152, 191, 115

Triad

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



212, 176, 125



102, 148, 184



169, 163, 217

Complementary

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



212, 176, 125



125, 159, 212

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.



129, 158, 222



212, 176, 125



83, 135, 192

Square

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



212, 176, 125



132, 175, 181



94, 144, 213



200, 154, 199

Rectangle

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



212, 176, 125



118, 173, 117



94, 144, 213



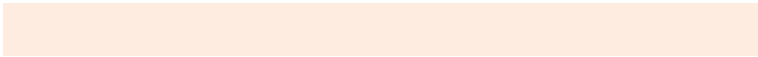
156, 165, 220

Sweetspot

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



212, 176, 125



255, 244, 224



212, 125, 180



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



212, 176, 125



255, 203, 130



139, 212, 125



107, 102, 96



171, 100, 0



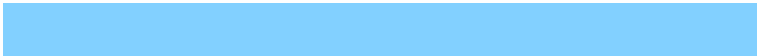
43, 25, 0

Inverse Universe

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



125, 159, 212



130, 178, 255



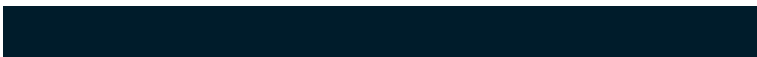
125, 136, 212



96, 100, 107



0, 66, 171



0, 17, 43

Previews

White Background



This preview shows how the RYB color 212, 176, 125 looks on a white background.

Color Contrast Check

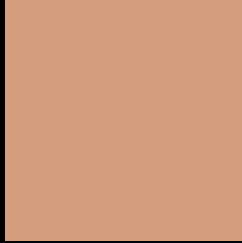
Large Text (above 18pt) WCAG AA × Fail

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 212, 176, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

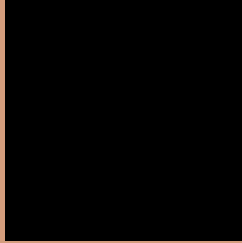
Any Text WCAG AA ✓ Pass

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 212, 176, 125 Background



This preview shows how black text looks on a background with the RYB color 212, 176, 125.



This preview shows how white text looks on a background with the RYB color 212, 176, 125.

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
212, 176, 125

Protanopia
146, 181, 130

Deuteranopia
200, 200, 124



Tritanopia
216, 152, 163

Trichromacy



Original Color
212, 176, 125

Protanomaly
175, 192, 128

Deuteranomaly
204, 189, 124

Tritanomaly
215, 154, 149

Monochromacy



Original Color
212, 176, 125

Achromatopsia
170, 170, 170

Achromatomaly
185, 171, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 176, 125 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(212, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 125)  
}
```

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(212, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 125) }
```

Border

The CSS property to change the border of an element to RYB 212, 176, 125 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(212, 157, 125) }
```

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

```
.border{ border-color:rgb(212, 157, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 212, 176, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 125) }
```

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

```
.background{ background-color: rgb(212,  
157, 125) }
```

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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