

Converting Colors

`RYB(211, 175, 124)`

Have a look what the booklet for
RYB(211, 175, 124) contains.

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Color

R_YB(211, 175, 124)

Conversions

Conversions Part 1

Format	Color
Hex	D39C7C
RGB	211, 156, 124
RGB Percent	83%, 61%, 49%
CMY	0.1725, 0.3876, 0.5137
CMYK	0.00, 0.26, 0.41, 0.17
HSL	22°, 50%, 66%
HSV	22°, 41%, 83%
XYZ	42.4161, 39.1322, 24.3865
YIQ	168.7970, 43.0520, 1.7080

Conversions

Conversions Part 2

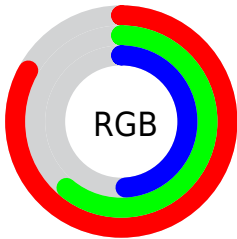
Format	Color
R _{YB}	211, 175, 124
Decimal	13868156
CIE Lab	68.85, 16.37, 24.83
CIE LCh	69, 29.742, 56.600
Yxy	39.1322, 0.4004, 0.3694
Android (android.graphics.Color)	4292058236 (0xFFD39C7C)
YUV	168.7970, -22.0849, 37.0120
Hunter-Lab	62.5557, 11.5600, 20.6756

Details

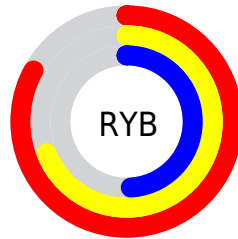
The RYB color **211, 175, 124** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **124, 158, 211**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 237, 177**, and **154, 123, 75** is the 20% darker color. If you saturate the color by 10%, you get **211, 167, 103**, and if you desaturate by 10%, it is **211, 183, 145**.

Distribution



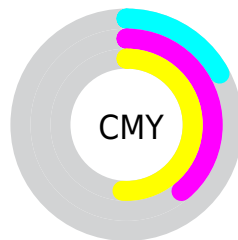
- Red (83%)
- Green (61%)
- Blue (49%)



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



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




- Cyan (17%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 175, 124 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 211, 175, 124 by changing the saturation by 10% instead.


 211, 175, 124

255, 255, 255

 255, 237, 177

 227, 255, 204

 233, 255, 233

 211, 175, 124

 182, 148, 99

 154, 123, 75

 127, 97, 52

 100, 74, 30


 75, 55, 7


 49, 20, 0


 24, 0, 1


 0, 0, 0


 211, 175, 124


 211, 175, 124

 211, 167, 103


 211, 183, 145

 211, 158, 82


 211, 193, 166

 211, 148, 61


 211, 201, 187

 211, 140, 40


 211, 210, 208


 211, 133, 18

 211, 218, 230

 211, 124, 0

 211, 226, 251

 211, 231, 255

 211, 233, 255

Harmonies

Analogous

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



221, 149, 145



211, 175, 124



151, 190, 114

Triad

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



211, 175, 124



100, 147, 183



168, 162, 216

Complementary

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



211, 175, 124



124, 158, 211

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.



128, 157, 221



211, 175, 124



82, 134, 191

Square

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



211, 175, 124



131, 174, 180



93, 143, 212



199, 153, 198

Rectangle

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



211, 175, 124



117, 172, 116



93, 143, 212



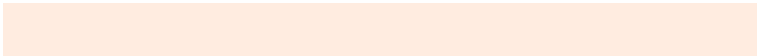
155, 164, 219

Sweetspot

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



211, 175, 124



255, 244, 224



211, 124, 179



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



211, 175, 124



255, 203, 130



138, 211, 124



105, 100, 94



168, 98, 0



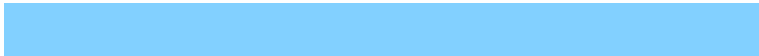
41, 24, 0

Inverse Universe

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



124, 158, 211



130, 178, 255



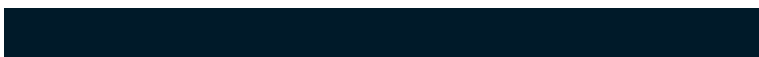
124, 135, 211



94, 98, 105



0, 65, 168



0, 16, 41

Previews

White Background



This preview shows how the RYB color 211, 175, 124 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 211, 175, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

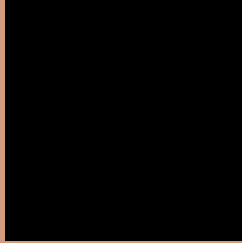
Any Text WCAG AA ✓ Pass

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 211, 175, 124 Background



This preview shows how black text looks on a background with the RYB color 211, 175, 124.



This preview shows how white text looks on a background with the RYB color 211, 175, 124.

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
211, 175, 124

Protanopia
145, 180, 129

Deuteranopia
199, 199, 123



Tritanopia
215, 151, 162

Trichromacy



Original Color
211, 175, 124

Protanomaly
174, 191, 127

Deuteranomaly
203, 188, 123

Tritanomaly
214, 153, 148

Monochromacy



Original Color
211, 175, 124

Achromatopsia
169, 169, 169

Achromatomaly
184, 170, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 175, 124 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(211, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(211, 156, 124)  
}
```

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(211, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 156, 124) }
```

Border

The CSS property to change the border of an element to RYB 211, 175, 124 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(211, 156, 124) }
```

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

```
.border{ border-color:rgb(211, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(211, 156,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 211, 175, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 156, 124) }
```

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

```
.background{ background-color: rgb(211,  
156, 124) }
```

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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