

Converting Colors

`RYB(202, 189, 125)`

Have a look what the booklet for
RYB(202, 189, 125) contains.

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Color

R_YB(202, 189, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CAA07D
RGB	202, 160, 125
RGB Percent	79%, 63%, 49%
CMY	0.2078, 0.3727, 0.5098
CMYK	0.00, 0.21, 0.38, 0.21
HSL	27°, 42%, 64%
HSV	27°, 38%, 79%
XYZ	40.6210, 39.1616, 24.8200
YIQ	168.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

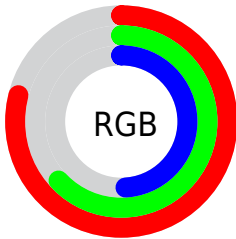
Format	Color
R _Y B	202, 189, 125
Decimal	13279357
CIE Lab	68.87, 10.81, 24.15
CIE LCh	69, 26.461, 65.882
Yxy	39.1616, 0.3883, 0.3744
Android (android.graphics.Color)	4291469437 (0xFFCAA07D)
YUV	168.5680, -21.4790, 29.3199
Hunter-Lab	62.5793, 6.3529, 20.2900

Details

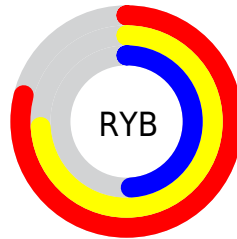
The RYB color **202, 189, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 152, 202**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 249, 178**, and **146, 138, 76** is the 20% darker color. If you saturate the color by 10%, you get **202, 186, 105**, and if you desaturate by 10%, it is **202, 193, 145**.

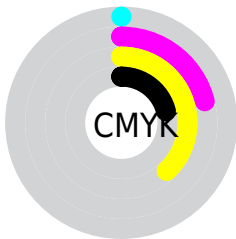
Distribution



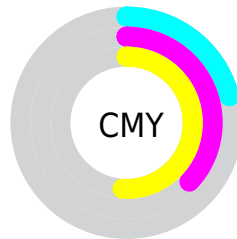
- Red (79%)
- Green (63%)
- Blue (49%)



- Red (79%)
- Yellow (74%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (21%)



- Cyan (21%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 189, 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 202, 189, 125 by changing the saturation by 10% instead.

 202, 189, 125


255, 255, 255


 255, 249, 178


 221, 255, 205

 234, 255, 234

 202, 189, 125

 174, 163, 100

 146, 135, 76

 120, 111, 53

 93, 89, 31

 64, 68, 8


 44, 33, 0

 15, 0, 0


 0, 0, 0

 202, 189, 125

 202, 189, 125


 202, 186, 105


 202, 193, 145

 202, 182, 85


 202, 196, 165

 202, 180, 64


 202, 198, 186

 202, 176, 44


 202, 203, 206

 202, 173, 24

 202, 210, 226

 202, 169, 4

 202, 218, 246

 202, 169, 0

 202, 223, 255

 202, 227, 255

 202, 229, 255

Harmonies

Analogous

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



215, 155, 141



202, 189, 125



137, 181, 120

Triad

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



202, 189, 125



104, 146, 182



178, 160, 207

Complementary

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



202, 189, 125



125, 152, 202

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.



145, 163, 215



202, 189, 125



96, 141, 195

Square

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



202, 189, 125



127, 165, 180



113, 151, 211



203, 153, 188

Rectangle

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



202, 189, 125



125, 173, 135



113, 151, 211



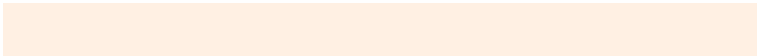
167, 163, 211

Sweetspot

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



202, 189, 125



255, 251, 227



202, 125, 167



128, 123, 111



0, 0, 0



128, 128, 128

Same Dimension

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



202, 189, 125



255, 235, 138



129, 202, 125



102, 99, 92



166, 137, 0



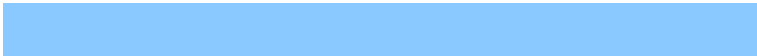
38, 31, 0

Inverse Universe

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



125, 152, 202



138, 179, 255



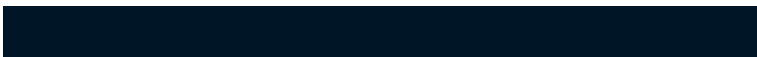
125, 129, 202



92, 95, 102



0, 59, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 202, 189, 125 looks on a white background.

Color Contrast Check

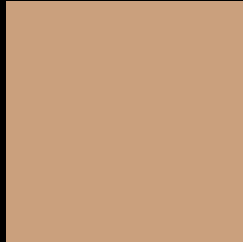
Large Text (above 18pt) WCAG AA × Fail

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 202, 189, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

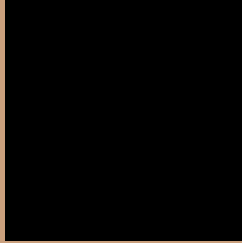
Any Text WCAG AA ✓ Pass

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 202, 189, 125 Background



This preview shows how black text looks on a background with the RYB color 202, 189, 125.



This preview shows how white text looks on a background with the RYB color 202, 189, 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
202, 189, 125

Protanopia
145, 180, 129

Deuteranopia
199, 195, 125



Tritanopia
206, 154, 166

Trichromacy



Original Color
202, 189, 125

Protanomaly
165, 188, 128

Deuteranomaly
200, 194, 125

Tritanomaly
205, 157, 151

Monochromacy



Original Color
202, 189, 125

Achromatopsia
169, 169, 169

Achromatomaly
181, 177, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 189, 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(202, 160, 125) looks like.

```
.text, #text, p{  
    color:rgb(202, 160, 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(202, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 160, 125) }
```

Border

The CSS property to change the border of an element to RYB 202, 189, 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(202, 160, 125) }
```

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

```
.border{ border-color:rgb(202, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(202, 160,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 202, 160, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 160, 125) }
```

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

```
.background{ background-color: rgb(202,  
160, 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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