

Converting Colors

`RYB(212, 169, 127)`

Have a look what the booklet for
RYB(212, 169, 127) contains.

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Color

$\text{RYB}(212, 169, 127)$

Conversions

Conversions Part 1

Format	Color
Hex	D49B7F
RGB	212, 155, 127
RGB Percent	83%, 61%, 50%
CMY	0.1686, 0.3917, 0.5020
CMYK	0.00, 0.27, 0.40, 0.17
HSL	20°, 50%, 66%
HSV	20°, 40%, 83%
XYZ	42.7218, 39.0088, 25.3564
YIQ	168.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

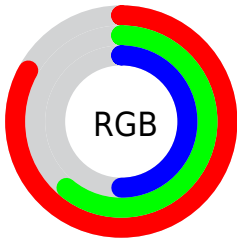
Format	Color
R _Y B	212, 169, 127
Decimal	13933439
CIE Lab	68.76, 17.67, 23.09
CIE LCh	69, 29.074, 52.565
Yxy	39.0088, 0.3989, 0.3643
Android (android.graphics.Color)	4292123519 (0xFFD49B7F)
YUV	168.8510, -20.6325, 37.8417
Hunter-Lab	62.4570, 12.7979, 19.6492

Details

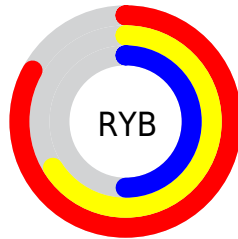
The RYB color **212, 169, 127** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **127, 161, 212**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 230, 180**, and **155, 117, 78** is the 20% darker color. If you saturate the color by 10%, you get **212, 158, 106**, and if you desaturate by 10%, it is **212, 179, 148**.

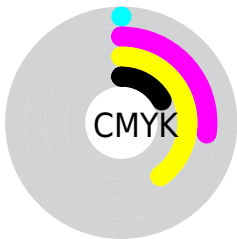
Distribution



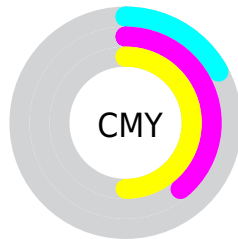
- Red (83%)
- Green (61%)
- Blue (50%)



- Red (83%)
- Yellow (66%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (17%)




- Cyan (17%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 169, 127 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, 169, 127 by changing the saturation by 10% instead.


 212, 169, 127


255, 255, 255


 255, 230, 180

 235, 255, 208


 236, 255, 236

 212, 169, 127

 183, 143, 102

 155, 117, 78

 128, 91, 55

 101, 68, 33


 75, 47, 11


 50, 18, 0

 25, 0, 1

 0, 0, 0


 212, 169, 127


 212, 169, 127

 212, 158, 106

 212, 179, 148

 212, 148, 85


 212, 190, 169

 212, 138, 63


 212, 202, 191

 212, 126, 42

 212, 212, 212

 212, 115, 21

 212, 220, 233

 212, 105, 0

 212, 229, 254

 212, 233, 255

 212, 234, 255

Harmonies

Analogous

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



221, 149, 149



212, 169, 127



160, 192, 116

Triad

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



212, 169, 127



106, 150, 182



163, 163, 216

Complementary

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



212, 169, 127



127, 161, 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.



124, 156, 219



212, 169, 127



85, 135, 187

Square

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



212, 169, 127



135, 179, 178



92, 142, 209



195, 154, 200

Rectangle

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



212, 169, 127



121, 175, 116



92, 142, 209



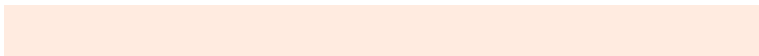
150, 163, 219

Sweetspot

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



212, 169, 127



255, 241, 224



212, 127, 185



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



212, 169, 127



255, 193, 133



147, 212, 127



107, 102, 96



171, 86, 0



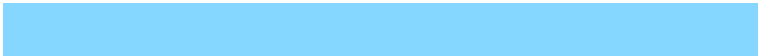
43, 21, 0

Inverse Universe

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



127, 161, 212



133, 182, 255



127, 140, 212



96, 101, 107



0, 68, 171



0, 17, 43

Previews

White Background



This preview shows how the RYB color 212, 169, 127 looks on a white background.

Color Contrast Check

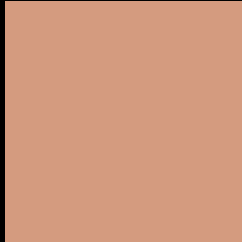
Large Text (above 18pt) WCAG AA × Fail

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, 169, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

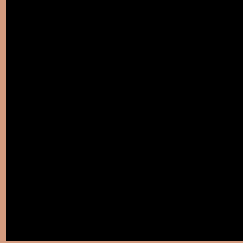
Any Text WCAG AA ✓ Pass

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, 169, 127 Background



This preview shows how black text looks on a background with the RYB color 212, 169, 127.



This preview shows how white text looks on a background with the RYB color 212, 169, 127.

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, 169, 127

Protanopia
147, 179, 133

Deuteranopia
198, 194, 126



Tritanopia
215, 150, 162

Trichromacy



Original Color
212, 169, 127

Protanomaly
184, 191, 131

Deuteranomaly
203, 184, 126

Tritanomaly
214, 152, 149

Monochromacy



Original Color
212, 169, 127

Achromatopsia
169, 169, 169

Achromatomaly
185, 169, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 169, 127 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, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 155, 127)  
}
```

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, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 155, 127) }
```

Border

The CSS property to change the border of an element to RYB 212, 169, 127 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, 155, 127) }
```

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

```
.border{ border-color:rgb(212, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 155,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 212, 155, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 155, 127) }
```

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

```
.background{ background-color: rgb(212,  
155, 127) }
```

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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