

Converting Colors

`RYB(242, 209, 119)`

Have a look what the booklet for
RYB(242, 209, 119) contains.

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Color

R_YB(242, 209, 119)

Conversions

Conversions Part 1

Format	Color
Hex	F2AB77
RGB	242, 171, 119
RGB Percent	95%, 67%, 47%
CMY	0.0510, 0.3295, 0.5333
CMYK	0.00, 0.29, 0.51, 0.05
HSL	25°, 83%, 71%
HSV	25°, 51%, 95%
XYZ	54.5053, 49.3243, 24.1006
YIQ	186.3010, 59.0080, -1.1200

Conversions

Conversions Part 2

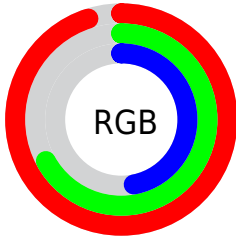
Format	Color
RYP	242, 209, 119
Decimal	15903607
CIELab	75.65, 20.35, 37.04
CIElCh	76, 42.262, 61.217
Yxy	49.3243, 0.4261, 0.3856
Android (android.graphics.Color)	4294093687 (0xFFF2AB77)
YUV	186.3010, -33.1794, 48.8480
Hunter-Lab	70.2313, 15.6261, 28.8159

Details

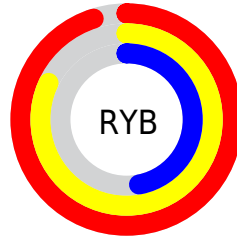
The RYB color **242, 209, 119** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **119, 164, 242**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **217, 255, 172**, and **183, 158, 69** is the 20% darker color. If you saturate the color by 10%, you get **242, 202, 95**, and if you desaturate by 10%, it is **242, 216, 143**.

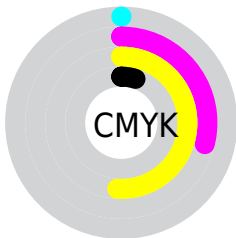
Distribution



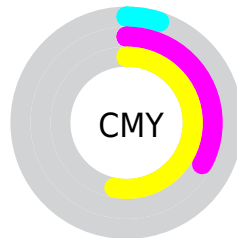
- Red (95%)
- Green (67%)
- Blue (47%)



- Red (95%)
- Yellow (82%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (5%)


















- Cyan (5%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 209, 119 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 242, 209, 119 by changing the saturation by 10% instead.

 242, 209, 119	 242, 209, 119
 255, 255, 255	 212, 181, 94
 217, 255, 172	 183, 158, 69
 199, 255, 199	 154, 132, 46
 228, 255, 228	 126, 109, 23
	 98, 90, 0
	 71, 39, 0
	 45, 3, 0
	 4, 0, 0
	 0, 0, 0

■ 242, 209, 119

■ 242, 209, 119

■ 242, 202, 95

■ 242, 216, 143

■ 242, 195, 71

■ 242, 223, 167

■ 242, 190, 46

■ 242, 228, 192

■ 242, 183, 22

■ 242, 235, 216

■ 242, 176, 0

■ 242, 242, 240

■ 242, 249, 255

Harmonies

Analogous

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



255, 160, 148



242, 209, 119



141, 210, 108

Triad

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



242, 209, 119



64, 141, 207



193, 176, 253

Complementary

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



242, 209, 119



119, 164, 242

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.



131, 171, 255



242, 209, 119



0, 108, 226

Square

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



242, 209, 119



122, 184, 204



52, 137, 254



237, 162, 225

Rectangle

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



242, 209, 119



112, 193, 121



52, 137, 254



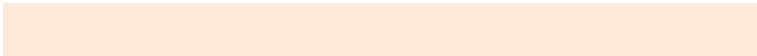
174, 180, 255

Sweetspot

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



242, 209, 119



255, 245, 217



242, 119, 191



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



242, 209, 119



255, 213, 99



130, 242, 119



120, 117, 108



184, 135, 0



56, 42, 0

Inverse Universe

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



119, 164, 242



99, 156, 255



119, 128, 242



108, 112, 120



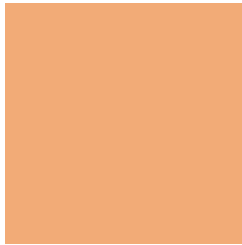
0, 67, 184



0, 20, 56

Previews

White Background



This preview shows how the RYB color 242, 209, 119 looks on a white background.

Color Contrast Check

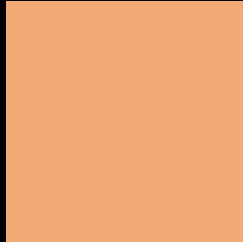
Large Text (above 18pt) WCAG AA × Fail

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 242, 209, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

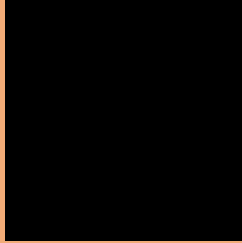
Any Text WCAG AA ✓ Pass

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 242, 209, 119 Background



This preview shows how black text looks on a background with the RYB color 242, 209, 119.

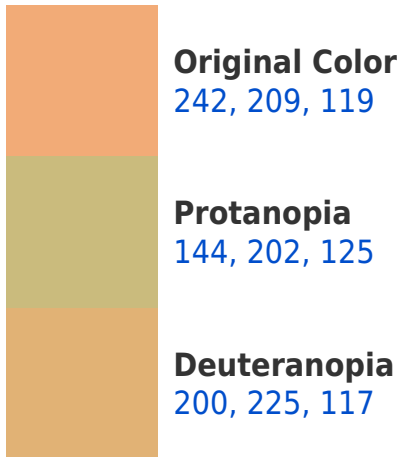


This preview shows how white text looks on a background with the RYB color 242, 209, 119.

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





Tritanopia
247, 164, 176

Trichromacy



Original Color
242, 209, 119

Protanomaly
181, 217, 123

Deuteranomaly
229, 231, 118

Tritanomaly
245, 169, 155

Monochromacy



Original Color
242, 209, 119

Achromatopsia
186, 186, 186

Achromatomaly
206, 195, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 209, 119 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(242, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(242, 171, 119)  
}
```

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(242, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 119) }
```

Border

The CSS property to change the border of an element to RYB 242, 209, 119 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(242, 171, 119) }
```

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

```
.border{ border-color:rgb(242, 171, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(242, 171,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 242, 209, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 171, 119) }
```

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

```
.background{ background-color: rgb(242,  
171, 119) }
```

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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