

Converting Colors

`RYB(232, 207, 122)`

Have a look what the booklet for
RYB(232, 207, 122) contains.

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Color

R_YB(232, 207, 122)

Conversions

Conversions Part 1

Format	Color
Hex	E8AA7A
RGB	232, 170, 122
RGB Percent	91%, 67%, 48%
CMY	0.0902, 0.3335, 0.5216
CMYK	0.00, 0.27, 0.47, 0.09
HSL	26°, 71%, 69%
HSV	26°, 47%, 91%
XYZ	51.1567, 47.2912, 24.8442
YIQ	183.0660, 52.3600, -1.7840

Conversions

Conversions Part 2

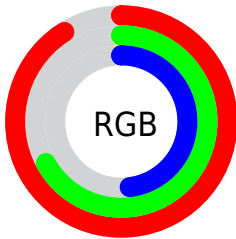
Format	Color
R_{YB}	232, 207, 122
Decimal	15247994
CIE _{Lab}	74.38, 17.17, 33.61
CIE _{LCh}	74, 37.737, 62.943
Yxy	47.2912, 0.4149, 0.3836
Android (android.graphics.Color)	4293438074 (0xFFE8AA7A)
YUV	183.0660, -30.1055, 42.9151
Hunter-Lab	68.7686, 12.4404, 26.7181

Details

The RYB color **232, 207, 122** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **122, 162, 232**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **223, 255, 175**, and **174, 156, 72** is the 20% darker color. If you saturate the color by 10%, you get **232, 202, 99**, and if you desaturate by 10%, it is **232, 212, 145**.

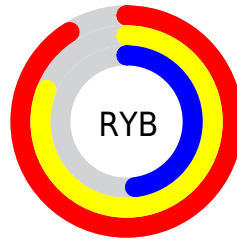
Distribution



Red (91%)

Green (67%)

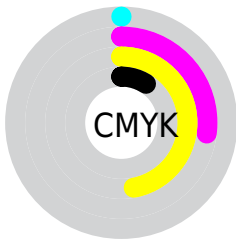
Blue (48%)



Red (91%)

Yellow (81%)

Blue (48%)

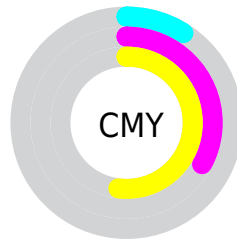


Cyan (0%)

Magenta (27%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 207, 122 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 232, 207, 122 by changing the saturation by 10% instead.

 232, 207, 122

255, 255, 255

 223, 255, 175


 204, 255, 203


 231, 255, 231


 232, 207, 122

 203, 178, 97

 174, 156, 72

 146, 130, 49

 118, 107, 26

 91, 89, 2

 65, 41, 0

 40, 2, 0

 0, 0, 0

 232, 207, 122

 232, 207, 122

■ 232, 202, 99

■ 232, 212, 145

■ 232, 197, 76

■ 232, 218, 168

■ 232, 193, 52

■ 232, 222, 192

■ 232, 187, 29

■ 232, 227, 215

■ 232, 182, 6

■ 232, 234, 238

■ 232, 179, 0

■ 232, 241, 255

■ 232, 244, 255

Harmonies

Analogous

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



249, 162, 147



232, 207, 122



140, 203, 113

Triad

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



232, 207, 122



80, 146, 202



192, 173, 241

Complementary

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



232, 207, 122



122, 162, 232

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.



139, 172, 252



232, 207, 122



49, 129, 219

Square

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



232, 207, 122



125, 180, 199



82, 149, 244



230, 161, 215

Rectangle

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



232, 207, 122



118, 189, 128



82, 149, 244



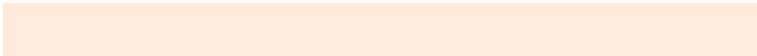
175, 177, 247

Sweetspot

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



232, 207, 122



255, 248, 219



232, 122, 184



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



232, 207, 122



255, 221, 110



129, 232, 122



115, 112, 103



179, 138, 0



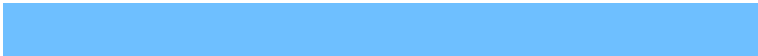
51, 39, 0

Inverse Universe

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



122, 162, 232



110, 162, 255



122, 129, 232



103, 107, 115



0, 65, 179



0, 18, 51

Previews

White Background



This preview shows how the RYB color 232, 207, 122 looks on a white background.

Color Contrast Check

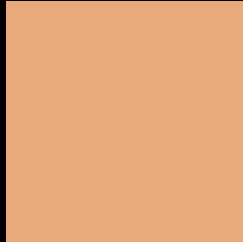
Large Text (above 18pt) WCAG AA × Fail

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 232, 207, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

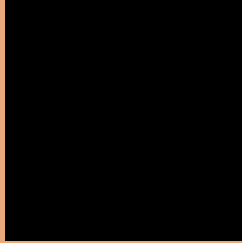
Any Text WCAG AA ✓ Pass

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](#).

R Y B 232, 207, 122 Background



This preview shows how black text looks on a background with the R Y B color 232, 207, 122.



This preview shows how white text looks on a background with the R Y B color 232, 207, 122.

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
232, 207, 122

Protanopia
146, 198, 127

Deuteranopia
204, 220, 121



Tritanopia
237, 163, 175

Trichromacy



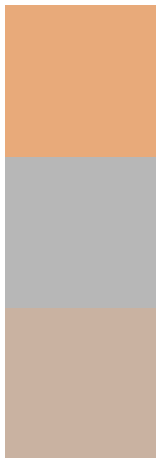
Original Color
232, 207, 122

Protanomaly
176, 210, 125

Deuteranomaly
222, 224, 121

Tritanomaly
235, 167, 156

Monochromacy



Original Color
232, 207, 122

Achromatopsia
183, 183, 183

Achromatomaly
201, 191, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 207, 122 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(232, 170, 122) looks like.

```
.text, #text, p{  
    color:rgb(232, 170, 122)  
}
```

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(232, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 122) }
```

Border

The CSS property to change the border of an element to RYB 232, 207, 122 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(232, 170, 122) }
```

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

```
.border{ border-color:rgb(232, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 232, 170, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 122) }
```

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

```
.background{ background-color: rgb(232,  
170, 122) }
```

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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