

Converting Colors

`RYB(232, 196, 105)`

Have a look what the booklet for
RYB(232, 196, 105) contains.

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Color

R_YB(232, 196, 105)

Conversions

Conversions Part 1

Format	Color
Hex	E89E69
RGB	232, 158, 105
RGB Percent	91%, 62%, 41%
CMY	0.0902, 0.3803, 0.5882
CMYK	0.00, 0.32, 0.55, 0.09
HSL	25°, 73%, 66%
HSV	25°, 55%, 91%
XYZ	48.0577, 42.6341, 19.0609
YIQ	174.0840, 61.1170, -0.7950

Conversions

Conversions Part 2

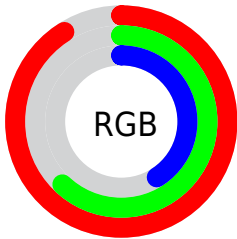
Format	Color
R _Y B	232, 196, 105
Decimal	15244905
CIE Lab	71.31, 22.01, 38.65
CIE LCh	71, 44.476, 60.334
Yxy	42.6341, 0.4379, 0.3885
Android (android.graphics.Color)	4293434985 (0xFFE89E69)
YUV	174.0840, -34.0584, 50.7923
Hunter-Lab	65.2948, 17.1121, 28.3984

Details

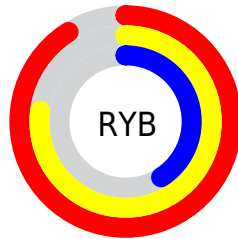
The RYB color **232, 196, 105** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **105, 152, 232**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **231, 255, 157**, and **173, 143, 56** is the 20% darker color. If you saturate the color by 10%, you get **232, 188, 82**, and if you desaturate by 10%, it is **232, 204, 128**.

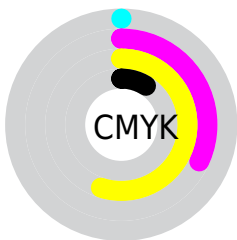
Distribution



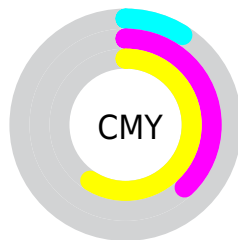
- Red (91%)
- Green (62%)
- Blue (41%)



- Red (91%)
- Yellow (77%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (9%)




- Cyan (9%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 196, 105 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, 196, 105 by changing the saturation by 10% instead.

 232, 196, 105

255, 255, 255

 231, 255, 157

 201, 255, 184

 212, 255, 212

 241, 255, 241

 232, 196, 105


 202, 171, 80

 173, 143, 56

 144, 121, 33

 116, 101, 8


 89, 60, 0

 61, 18, 0

 38, 0, 0

 0, 0, 0

 232, 196, 105


 232, 196, 105

 232, 188, 82


 232, 204, 128

 232, 182, 59

 232, 210, 151

 232, 175, 35

 232, 216, 175

 232, 170, 12

 232, 222, 198

 232, 167, 0

 232, 230, 221

 232, 236, 244

 232, 243, 255

 232, 244, 255

Harmonies

Analogous

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



250, 147, 136



232, 196, 105



128, 199, 92

Triad

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



232, 196, 105



29, 118, 196



179, 164, 245

Complementary

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



232, 196, 105



105, 152, 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.



110, 157, 255



232, 196, 105



0, 102, 214

Square

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



232, 196, 105



108, 173, 192



0, 107, 244



226, 149, 215

Rectangle

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



232, 196, 105



97, 181, 106



0, 107, 244



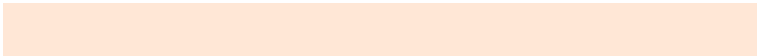
158, 168, 251

Sweetspot

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



232, 196, 105



255, 243, 214



232, 105, 179



128, 120, 103



0, 0, 0



128, 128, 128

Same Dimension

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



232, 196, 105



255, 207, 87



117, 232, 105



115, 112, 103



179, 129, 0



51, 36, 0

Inverse Universe

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



105, 152, 232



87, 149, 255



105, 115, 232



103, 107, 115



0, 66, 179



0, 19, 51

Previews

White Background



This preview shows how the RYB color 232, 196, 105 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, 196, 105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

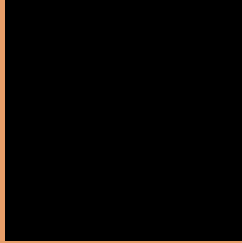
Any Text WCAG AA ✓ Pass

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 232, 196, 105 Background



This preview shows how black text looks on a background with the RYB color 232, 196, 105.



This preview shows how white text looks on a background with the RYB color 232, 196, 105.

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, 196, 105

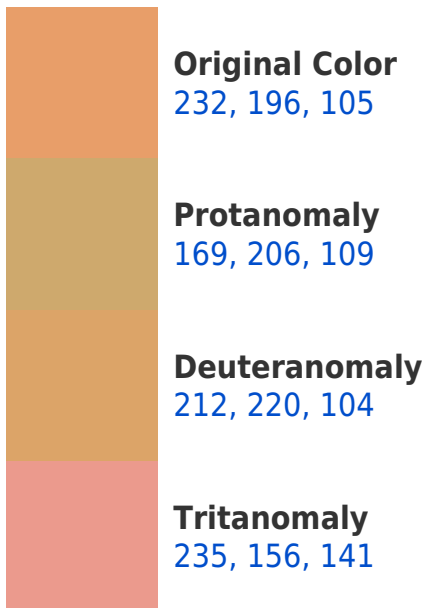
Protanopia
131, 191, 111

Deuteranopia
182, 213, 103

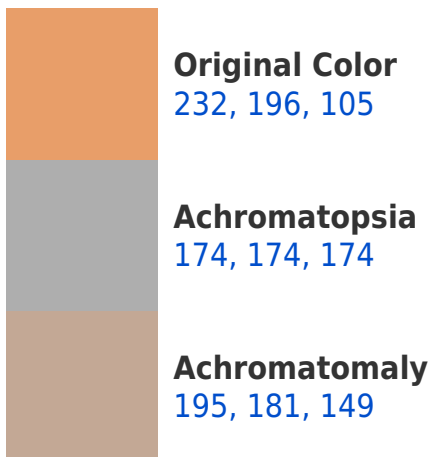


Tritanopia
236, 151, 162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 196, 105 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, 158, 105)` looks like.

```
.text, #text, p{  
    color:rgb(232, 158, 105)  
}
```

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, 158, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 158, 105) }
```

Border

The CSS property to change the border of an element to RYB 232, 196, 105 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, 158, 105) }
```

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

```
.border{ border-color:rgb(232, 158, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 158, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 158, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 158, 105);  
box-shadow:4px 4px 4px 4px rgb(232, 158,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 232, 196, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 158, 105) }
```

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

```
.background{ background-color: rgb(232,  
158, 105) }
```

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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