

Converting Colors

`RYB(234, 205, 158)`

Have a look what the booklet for
RYB(234, 205, 158) contains.

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Color

R_YB(234, 205, 158)

Conversions

Conversions Part 1

Format	Color
Hex	EABB9E
RGB	234, 187, 158
RGB Percent	92%, 73%, 62%
CMY	0.0824, 0.2665, 0.3804
CMYK	0.00, 0.20, 0.32, 0.08
HSL	23°, 64%, 77%
HSV	23°, 32%, 92%
XYZ	57.8822, 55.5189, 40.0133
YIQ	197.7470, 37.3210, 0.9450

Conversions

Conversions Part 2

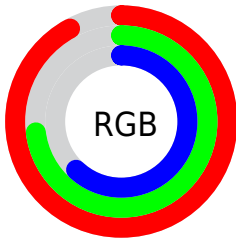
Format	Color
RYB	234, 205, 158
Decimal	15383454
CIELab	79.34, 12.87, 21.12
CIELCh	79, 24.732, 58.654
Yxy	55.5189, 0.3773, 0.3619
Android (android.graphics.Color)	4293573534 (0xFFEABB9E)
YUV	197.7470, -19.5953, 31.7939
Hunter-Lab	74.5110, 8.2693, 20.3183

Details

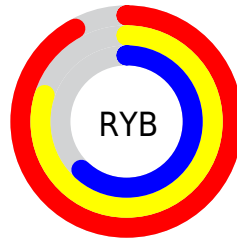
The RYB color **234, 205, 158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **158, 187, 234**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **230, 255, 213**, and **177, 152, 106** is the 20% darker color. If you saturate the color by 10%, you get **234, 197, 135**, and if you desaturate by 10%, it is **234, 213, 181**.

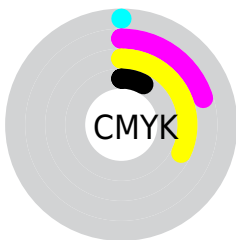
Distribution



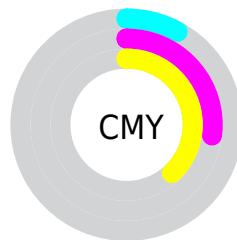
- Red (92%)
- Green (73%)
- Blue (62%)



- Red (92%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 205, 158 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 234, 205, 158 by changing the saturation by 10% instead.

 234, 205, 158

255, 255, 255

 230, 255, 213


 241, 255, 241

 234, 205, 158


 205, 177, 132

 177, 152, 106

 149, 124, 82

 123, 100, 59

 97, 77, 37

 71, 56, 16

 47, 29, 0

 22, 0, 0

 0, 0, 0

 234, 205, 158


 234, 205, 158

 234, 197, 135


 234, 213, 181

 234, 187, 111

 234, 223, 205

 234, 179, 88

 234, 231, 228

 234, 169, 64

 234, 241, 252

 234, 161, 41

 234, 245, 255

 234, 150, 18

 234, 144, 0

Harmonies

Analogous

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



244, 181, 176



234, 205, 158



180, 215, 151

Triad

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



234, 205, 158



141, 180, 210



199, 191, 237

Complementary

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



234, 205, 158



158, 187, 234

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.



168, 190, 242



234, 205, 158



131, 172, 218

Square

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



234, 205, 158



164, 200, 207



141, 179, 235



225, 184, 221

Rectangle

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



234, 205, 158



153, 200, 154



141, 179, 235



189, 194, 240

Sweetspot

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



234, 205, 158



255, 244, 230



234, 158, 206



128, 122, 112



0, 0, 0



128, 128, 128

Same Dimension

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



234, 205, 158



255, 218, 156



170, 234, 158



117, 112, 106



181, 112, 0



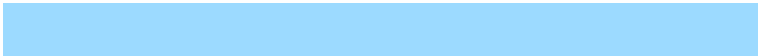
54, 32, 0

Inverse Universe

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



158, 187, 234



156, 194, 255



158, 167, 234



106, 110, 117



0, 69, 181



0, 20, 54

Previews

White Background



This preview shows how the RYB color 234, 205, 158 looks on a white background.

Color Contrast Check

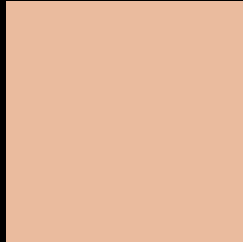
Large Text (above 18pt) WCAG AA × Fail

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 234, 205, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

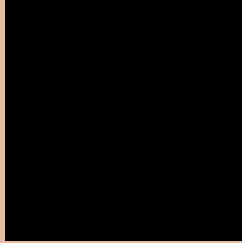
Any Text WCAG AA ✓ Pass

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 234, 205, 158 Background



This preview shows how black text looks on a background with the RYB color 234, 205, 158.



This preview shows how white text looks on a background with the RYB color 234, 205, 158.

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
234, 205, 158

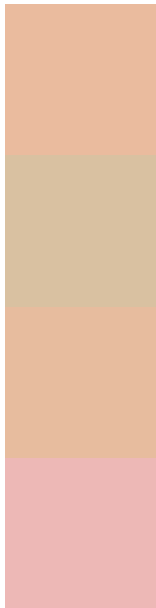
Protanopia
178, 208, 162

Deuteranopia
229, 213, 158



Tritanopia
238, 182, 196

Trichromacy



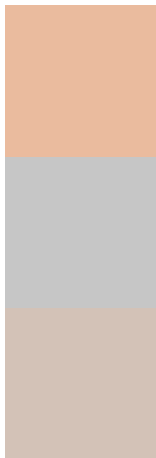
Original Color
234, 205, 158

Protanomaly
203, 217, 161

Deuteranomaly
231, 209, 158

Tritanomaly
237, 184, 182

Monochromacy



Original Color
234, 205, 158

Achromatopsia
198, 198, 198

Achromatomaly
211, 201, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 205, 158 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(234, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(234, 187, 158)  
}
```

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(234, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 187, 158) }
```

Border

The CSS property to change the border of an element to RYB 234, 205, 158 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(234, 187, 158) }
```

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

```
.border{ border-color:rgb(234, 187, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(234, 187,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 234, 205, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 187, 158) }
```

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

```
.background{ background-color: rgb(234,  
187, 158) }
```

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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