

Converting Colors

`RYB(234, 223, 108)`

Have a look what the booklet for
RYB(234, 223, 108) contains.

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Color

R_YB(234, 223, 108)

Conversions

Conversions Part 1

Format	Color
Hex	EAA86C
RGB	234, 168, 108
RGB Percent	92%, 66%, 42%
CMY	0.0824, 0.3407, 0.5765
CMYK	0.00, 0.28, 0.54, 0.08
HSL	29°, 75%, 67%
HSV	29°, 54%, 92%
XYZ	50.6641, 46.6264, 20.5169
YIQ	180.8940, 58.5960, -4.6680

Conversions

Conversions Part 2

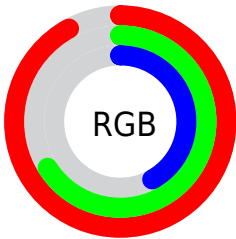
Format	Color
RYB	234, 223, 108
Decimal	15378540
CIELab	73.95, 17.69, 40.43
CIELCh	74, 44.127, 66.366
Yxy	46.6264, 0.4301, 0.3958
Android (android.graphics.Color)	4293568620 (0xFFEAA86C)
YUV	180.8940, -35.9367, 46.5740
Hunter-Lab	68.2835, 12.9449, 29.9838

Details

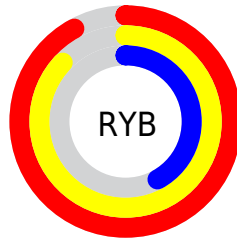
The RYB color **234, 223, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 151, 234**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **208, 255, 160**, and **175, 171, 59** is the 20% darker color. If you saturate the color by 10%, you get **234, 221, 85**, and if you desaturate by 10%, it is **234, 224, 131**.

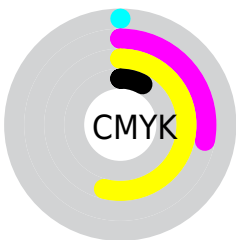
Distribution



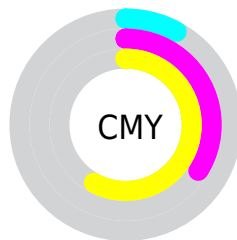
- Red (92%)
- Green (66%)
- Blue (42%)



- Red (92%)
- Yellow (87%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (8%)



- Cyan (8%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 234, 223, 108 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, 223, 108 by changing the saturation by 10% instead.

 234, 223, 108

 234, 223, 108

255, 255, 255

 204, 198, 83


 208, 255, 160

 175, 171, 59

 191, 255, 188

 144, 146, 35

 216, 255, 216

 101, 118, 9

 245, 255, 245

 91, 89, 0

 64, 38, 0

 39, 0, 0

 0, 0, 0

 234, 223, 108

 234, 223, 108

 234, 221, 85

 234, 224, 131

 234, 221, 61

 234, 228, 155

 234, 215, 38

 234, 230, 178

 234, 215, 14

 234, 230, 202

 234, 215, 0

 234, 232, 225

 234, 239, 248

 234, 244, 255

 234, 245, 255

Harmonies

Analogous

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



255, 159, 136



234, 223, 108



121, 199, 100

Triad

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



234, 223, 108



21, 116, 203



197, 168, 247

Complementary

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



234, 223, 108



108, 151, 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.



134, 169, 255



234, 223, 108



0, 107, 229

Square

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



234, 223, 108



104, 170, 200



43, 132, 255



239, 155, 215

Rectangle

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



234, 223, 108



107, 190, 126



43, 132, 255



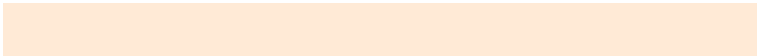
179, 173, 254

Sweetspot

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



234, 223, 108



255, 253, 214



234, 108, 175



128, 126, 103



0, 0, 0



128, 128, 128

Same Dimension

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



234, 223, 108



255, 240, 89



112, 234, 108



117, 115, 106



181, 164, 0



54, 50, 0

Inverse Universe

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



108, 151, 234



89, 146, 255



108, 112, 234



106, 110, 117



0, 62, 181



0, 18, 54

Previews

White Background



This preview shows how the RYB color 234, 223, 108 looks on a white background.

Color Contrast Check

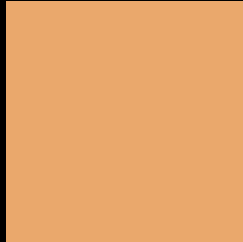
Large Text (above 18pt) WCAG AA × Fail

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, 223, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

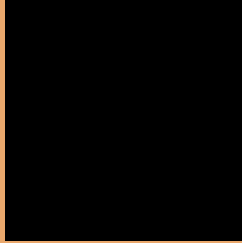
Any Text WCAG AA ✓ Pass

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, 223, 108 Background



This preview shows how black text looks on a background with the RYB color 234, 223, 108.



This preview shows how white text looks on a background with the RYB color 234, 223, 108.

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, 223, 108

Protanopia
134, 199, 113

Deuteranopia
187, 221, 107



Tritanopia
239, 160, 172

Trichromacy



Original Color
234, 223, 108

Protanomaly
165, 212, 111

Deuteranomaly
206, 226, 107

Tritanomaly
237, 166, 149

Monochromacy



Original Color
234, 223, 108

Achromatopsia
181, 181, 181

Achromatomaly
200, 196, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 223, 108 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, 168, 108)` looks like.

```
.text, #text, p{  
    color:rgb(234, 168, 108)  
}
```

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, 168, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 168, 108) }
```

Border

The CSS property to change the border of an element to RYB 234, 223, 108 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, 168, 108) }
```

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

```
.border{ border-color:rgb(234, 168, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 168, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 168, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 168, 108);  
box-shadow:4px 4px 4px 4px rgb(234, 168,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 234, 168, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 168, 108) }
```

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

```
.background{ background-color: rgb(234,  
168, 108) }
```

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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