

Converting Colors

`RYB(240, 196, 140)`

Have a look what the booklet for
RYB(240, 196, 140) contains.

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Color

R_YB(240, 196, 140)

Conversions

Conversions Part 1

Format	Color
Hex	F0B08C
RGB	240, 176, 140
RGB Percent	94%, 69%, 55%
CMY	0.0588, 0.3102, 0.4510
CMYK	0.00, 0.27, 0.42, 0.06
HSL	22°, 77%, 75%
HSV	22°, 42%, 94%
XYZ	56.1740, 51.4292, 31.7771
YIQ	191.0320, 49.7000, 2.3720

Conversions

Conversions Part 2

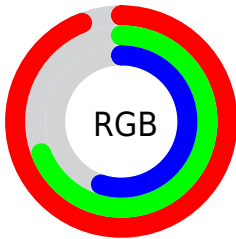
Format	Color
R _Y B	240, 196, 140
Decimal	15773836
CIE Lab	76.94, 19.00, 27.58
CIE LCh	77, 33.490, 55.427
Yxy	51.4292, 0.4030, 0.3690
Android (android.graphics.Color)	4293963916 (0xFFFF0B08C)
YUV	191.0320, -25.1588, 42.9449
Hunter-Lab	71.7141, 14.3202, 23.9281

Details

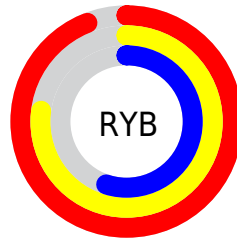
The RYB color **240, 196, 140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **140, 179, 240**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **231, 255, 194**, and **182, 141, 90** is the 20% darker color. If you saturate the color by 10%, you get **240, 187, 116**, and if you desaturate by 10%, it is **240, 206, 164**.

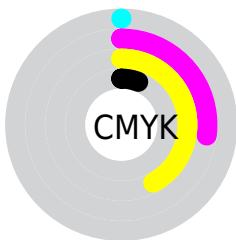
Distribution



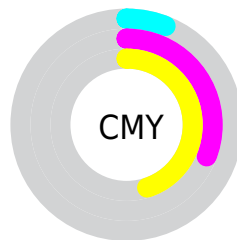
- Red (94%)
- Green (69%)
- Blue (55%)



- Red (94%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 196, 140 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 240, 196, 140 by changing the saturation by 10% instead.

 240, 196, 140

 240, 196, 140

255, 255, 255

 211, 169, 114

 231, 255, 194

 182, 141, 90

 222, 255, 222

 154, 116, 66

 250, 255, 250

 126, 92, 43


 99, 70, 21


 73, 48, 0


 47, 10, 0

 15, 0, 0


 0, 0, 0

 240, 196, 140


 240, 196, 140

 240, 187, 116


 240, 206, 164

 240, 175, 92


 240, 218, 188

 240, 165, 68

 240, 228, 212

 240, 153, 44

 240, 237, 236

 240, 143, 20

 240, 247, 255

 240, 134, 0

 240, 248, 255

Harmonies

Analogous

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



252, 168, 165



240, 196, 140



174, 216, 128

Triad

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



240, 196, 140



113, 167, 207



188, 184, 246

Complementary

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



240, 196, 140



140, 179, 240

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.



142, 177, 251



240, 196, 140



89, 150, 215

Square

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



240, 196, 140



148, 198, 203



101, 159, 240



225, 173, 226

Rectangle

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



240, 196, 140



132, 195, 130



101, 159, 240



173, 185, 249

Sweetspot

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



240, 196, 140



255, 241, 222



240, 140, 205



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



240, 196, 140



255, 198, 128



158, 240, 140



120, 114, 108



184, 103, 0



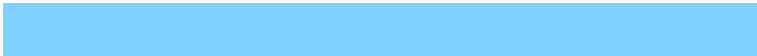
56, 31, 0

Inverse Universe

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



140, 179, 240



128, 177, 255



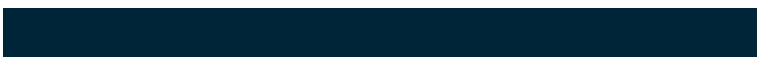
140, 153, 240



108, 113, 120



0, 72, 184



0, 22, 56

Previews

White Background



This preview shows how the RYB color 240, 196, 140 looks on a white background.

Color Contrast Check

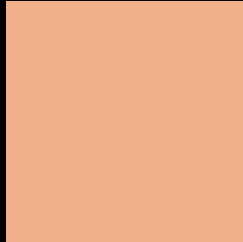
Large Text (above 18pt) WCAG AA × Fail

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 240, 196, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

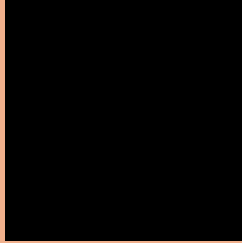
Any Text WCAG AA ✓ Pass

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 240, 196, 140 Background



This preview shows how black text looks on a background with the RYB color 240, 196, 140.



This preview shows how white text looks on a background with the RYB color 240, 196, 140.

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
240, 196, 140

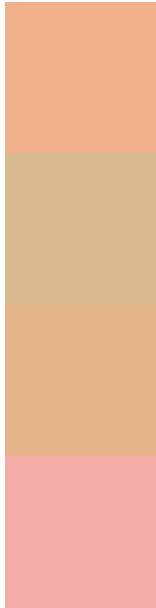
Protanopia
163, 203, 146

Deuteranopia
225, 225, 139



Tritanopia
244, 170, 183

Trichromacy



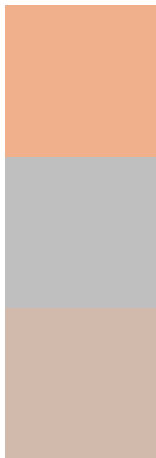
Original Color
240, 196, 140

Protanomaly
198, 216, 144

Deuteranomaly
230, 214, 139

Tritanomaly
243, 172, 167

Monochromacy



Original Color
240, 196, 140

Achromatopsia
191, 191, 191

Achromatomaly
209, 195, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 196, 140 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(240, 176, 140)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 140)  
}
```

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(240, 176, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 140) }
```

Border

The CSS property to change the border of an element to RYB 240, 196, 140 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(240, 176, 140) }
```

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

```
.border{ border-color:rgb(240, 176, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 176, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 140);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 240, 196, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 140) }
```

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

```
.background{ background-color: rgb(240,  
176, 140) }
```

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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