

Converting Colors

`RYB(240, 192, 144)`

Have a look what the booklet for
RYB(240, 192, 144) contains.

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Color

R_YB(240, 192, 144)

Conversions

Conversions Part 1

Format	Color
Hex	F0B090
RGB	240, 176, 144
RGB Percent	94%, 69%, 56%
CMY	0.0588, 0.3098, 0.4353
CMYK	0.00, 0.27, 0.40, 0.06
HSL	20°, 76%, 75%
HSV	20°, 40%, 94%
XYZ	56.4946, 51.5895, 33.3657
YIQ	191.4880, 48.4160, 3.6160

Conversions

Conversions Part 2

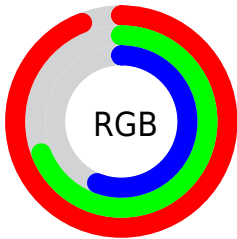
Format	Color
R _Y B	240, 192, 144
Decimal	15773840
CIE Lab	77.03, 19.38, 25.57
CIE LCh	77, 32.085, 52.831
Yxy	51.5895, 0.3994, 0.3647
Android (android.graphics.Color)	4293963920 (0xFFFF0B090)
YUV	191.4880, -23.4116, 42.5450
Hunter-Lab	71.8259, 14.7037, 22.7357

Details

The RYB color **240, 192, 144** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **144, 182, 240**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **237, 255, 198**, and **182, 138, 93** is the 20% darker color. If you saturate the color by 10%, you get **240, 180, 120**, and if you desaturate by 10%, it is **240, 204, 168**.

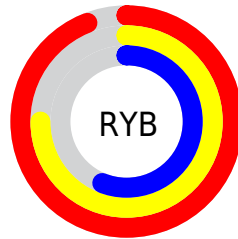
Distribution



Red (94%)

Green (69%)

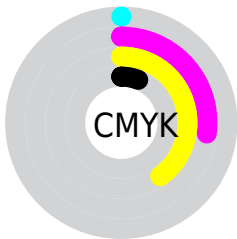
Blue (56%)



Red (94%)

Yellow (75%)

Blue (56%)

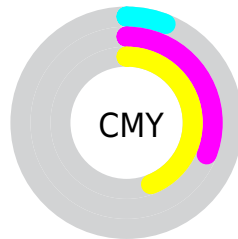


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (6%)



Cyan (6%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 192, 144 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, 192, 144 by changing the saturation by 10% instead.

 240, 192, 144

 240, 192, 144

255, 255, 255

 211, 165, 118

 237, 255, 198

 182, 138, 93

 226, 255, 226

 154, 113, 69

 126, 88, 47

 99, 65, 25


 73, 48, 0


 48, 10, 0

 16, 0, 0


 0, 0, 0

 240, 192, 144

 240, 192, 144

 240, 180, 120


 240, 204, 168

 240, 168, 96


 240, 216, 192

 240, 156, 72

 240, 228, 216

 240, 144, 48

 240, 240, 240

 240, 132, 24

 240, 248, 255

 240, 120, 0

Harmonies

Analogous

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



250, 169, 169



240, 192, 144



182, 218, 131

Triad

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



240, 192, 144



120, 170, 206



185, 185, 245

Complementary

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



240, 192, 144



144, 182, 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.



141, 177, 249



240, 192, 144



97, 153, 212

Square

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



240, 192, 144



153, 202, 202



105, 161, 237



221, 175, 226

Rectangle

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



240, 192, 144



139, 198, 132



105, 161, 237



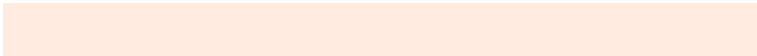
170, 185, 248

Sweetspot

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



240, 192, 144



255, 241, 224



240, 144, 208



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



240, 192, 144



255, 193, 133



163, 240, 144



120, 114, 108



184, 91, 0



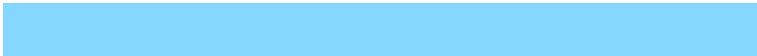
56, 29, 0

Inverse Universe

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



144, 182, 240



133, 182, 255



144, 158, 240



108, 113, 120



0, 73, 184



0, 22, 56

Previews

White Background



This preview shows how the RYB color 240, 192, 144 looks on a white background.

Color Contrast Check

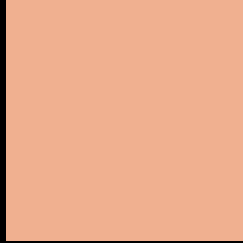
Large Text (above 18pt) WCAG AA × Fail

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, 192, 144 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, 192, 144 Background



This preview shows how black text looks on a background with the RYB color 240, 192, 144.

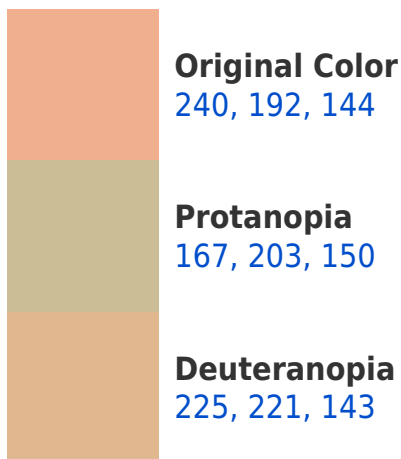


This preview shows how white text looks on a background with the RYB color 240, 192, 144.

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





Tritanopia
244, 171, 184

Trichromacy



Original Color

240, 192, 144

Protanomaly

205, 216, 148

Deuteranomaly

230, 207, 143

Tritanomaly

243, 173, 169

Monochromacy



Original Color

240, 192, 144

Achromatopsia

191, 191, 191

Achromatomaly

209, 192, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 192, 144 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 144) }
```

Border

The CSS property to change the border of an element to RYB 240, 192, 144 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, 144) }
```

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

```
.border{ border-color:rgb(240, 176, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 240, 192, 144 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, 144) }
```

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

```
.background{ background-color: rgb(240,  
176, 144) }
```

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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