

Converting Colors

`RYB(240, 173, 133)`

Have a look what the booklet for
RYB(240, 173, 133) contains.

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Color

R_YB(240, 173, 133)

Conversions

Conversions Part 1

Format	Color
Hex	F0A285
RGB	240, 162, 133
RGB Percent	94%, 64%, 52%
CMY	0.0588, 0.3643, 0.4784
CMYK	0.00, 0.32, 0.45, 0.06
HSL	16°, 78%, 73%
HSV	16°, 45%, 94%
XYZ	53.1095, 46.1001, 28.2893
YIQ	182.0160, 55.7970, 7.5170

Conversions

Conversions Part 2

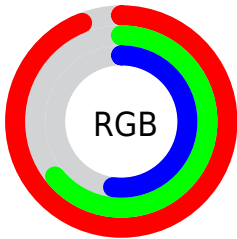
Format	Color
R _Y B	240, 173, 133
Decimal	15770245
CIE Lab	73.61, 25.57, 26.88
CIE LCh	74, 37.103, 46.427
Yxy	46.1001, 0.4165, 0.3616
Android (android.graphics.Color)	4293960325 (0xFFFF0A285)
YUV	182.0160, -24.1649, 50.8520
Hunter-Lab	67.8971, 20.8039, 22.8248

Details

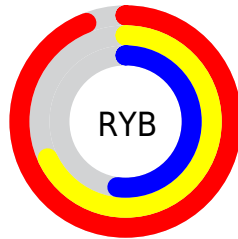
The RYB color **240, 173, 133** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **133, 178, 240**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 242, 186**, and **181, 120, 83** is the 20% darker color. If you saturate the color by 10%, you get **240, 159, 109**, and if you desaturate by 10%, it is **240, 189, 157**.

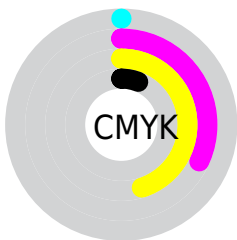
Distribution



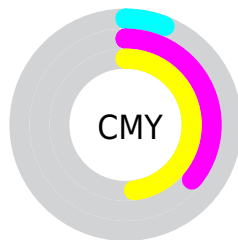
- Red (94%)
- Green (64%)
- Blue (52%)



- Red (94%)
- Yellow (68%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 173, 133 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, 173, 133 by changing the saturation by 10% instead.


 240, 173, 133

 240, 173, 133

255, 255, 255

 210, 147, 108

 255, 242, 186

 181, 120, 83


 226, 255, 214

 153, 94, 60

 243, 255, 243

 125, 70, 37


 97, 46, 16

 71, 19, 0

 45, 0, 0

 0, 0, 0

 240, 173, 133

 240, 173, 133

■ 240, 159, 109

■ 240, 189, 157

■ 240, 143, 85

■ 240, 203, 181

■ 240, 128, 61

■ 240, 219, 205

■ 240, 112, 37

■ 240, 233, 229

■ 240, 98, 13

■ 240, 245, 253

■ 240, 89, 0

■ 240, 248, 255

Harmonies

Analogous

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



248, 155, 163



240, 173, 133



192, 217, 115

Triad

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



240, 173, 133



104, 161, 198



163, 176, 246

Complementary

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



240, 173, 133



133, 178, 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.



107, 159, 246



240, 173, 133



63, 131, 199

Square

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



240, 173, 133



133, 193, 180



58, 134, 229



208, 165, 228

Rectangle

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



240, 173, 133



133, 197, 113



58, 134, 229



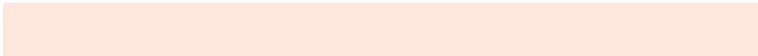
145, 172, 248

Sweetspot

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



240, 173, 133



255, 234, 222



240, 133, 211



128, 115, 107



0, 0, 0



128, 128, 128

Same Dimension

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



240, 173, 133



255, 169, 117



166, 240, 133



120, 112, 108



184, 69, 0



56, 20, 0

Inverse Universe

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



133, 178, 240



117, 175, 255



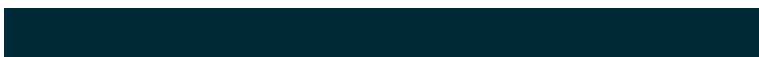
133, 153, 240



108, 113, 120



0, 78, 184



0, 24, 56

Previews

White Background



This preview shows how the RYB color 240, 173, 133 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, 173, 133 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, 173, 133 Background



This preview shows how black text looks on a background with the RYB color 240, 173, 133.

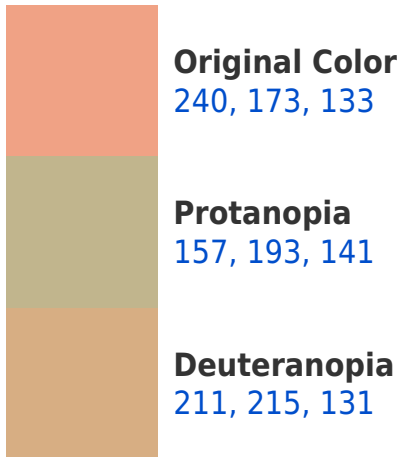


This preview shows how white text looks on a background with the RYB color 240, 173, 133.

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
243, 157, 169

Trichromacy



Original Color
240, 173, 133

Protanomaly
210, 210, 138

Deuteranomaly
224, 197, 132

Tritanomaly
242, 159, 156

Monochromacy



Original Color
240, 173, 133

Achromatopsia
182, 182, 182

Achromatomaly
203, 179, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 173, 133 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, 162, 133) looks like.

```
.text, #text, p{  
    color:rgb(240, 162, 133)  
}
```

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, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 133) }
```

Border

The CSS property to change the border of an element to RYB 240, 173, 133 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, 162, 133) }
```

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

```
.border{ border-color:rgb(240, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(240, 162,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 240, 173, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 162, 133) }
```

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

```
.background{ background-color: rgb(240,  
162, 133) }
```

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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