

Converting Colors

`RYB(240, 193, 190)`

Have a look what the booklet for
RYB(240, 193, 190) contains.

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Color

R_YB(240, 193, 190)

Conversions

Conversions Part 1

Format	Color
Hex	F0C1BE
RGB	240, 193, 190
RGB Percent	94%, 76%, 75%
CMY	0.0588, 0.2438, 0.2549
CMYK	0.00, 0.20, 0.21, 0.06
HSL	3°, 62%, 84%
HSV	3°, 21%, 94%
XYZ	64.2619, 60.3079, 56.9688
YIQ	206.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

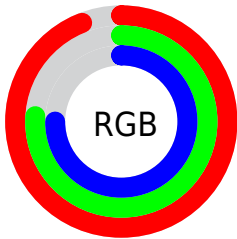
Format	Color
R _Y B	240, 193, 190
Decimal	15778238
CIE Lab	82.01, 16.41, 7.82
CIE LCh	82, 18.172, 25.471
Yxy	60.3079, 0.3540, 0.3322
Android (android.graphics.Color)	4293968318 (0xFFFF0C1BE)
YUV	206.7110, -8.2385, 29.1945
Hunter-Lab	77.6581, 11.8065, 10.8665

Details

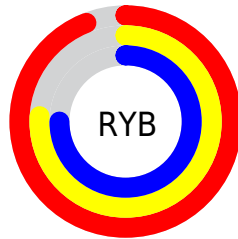
The RYB color **240, 193, 190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **190, 214, 240**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 253, 246**, and **183, 139, 137** is the 20% darker color. If you saturate the color by 10%, you get **240, 170, 166**, and if you desaturate by 10%, it is **240, 215, 214**.

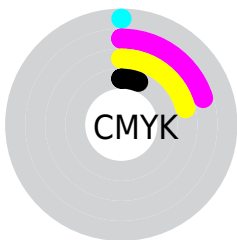
Distribution



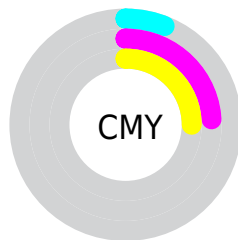
- Red (94%)
- Green (76%)
- Blue (75%)



- Red (94%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (6%)




- Cyan (6%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 193, 190 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, 193, 190 by changing the saturation by 10% instead.

 240, 193, 190

255, 255, 255

 255, 251, 246

 240, 193, 190

 211, 166, 163

 183, 139, 137

 156, 114, 111

 129, 89, 87

 103, 65, 64


 78, 43, 42


 54, 22, 21

 35, 0, 0


 0, 0, 0

 240, 193, 190


 240, 193, 190

 240, 170, 166


 240, 215, 214

 240, 148, 142

 240, 238, 238

 240, 125, 118

 240, 248, 255

 240, 102, 94

 240, 81, 70

 240, 58, 46

 240, 35, 22

 240, 15, 0

Harmonies

Analogous

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



237, 192, 207



240, 193, 190



234, 207, 176

Triad

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



240, 193, 190



182, 210, 212



182, 199, 237

Complementary

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



240, 193, 190



190, 214, 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.



165, 192, 231



240, 193, 190



166, 194, 214

Square

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



240, 193, 190



173, 207, 178



159, 187, 218



204, 200, 235

Rectangle

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



240, 193, 190



218, 225, 171



159, 187, 218



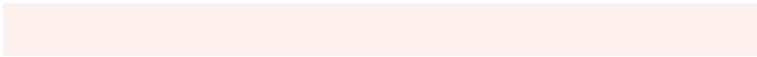
175, 196, 236

Sweetspot

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



240, 193, 190



255, 241, 240



240, 190, 237



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



240, 193, 190



255, 195, 191



233, 240, 190



120, 109, 108



184, 11, 0



56, 3, 0

Inverse Universe

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



190, 214, 240



191, 222, 255



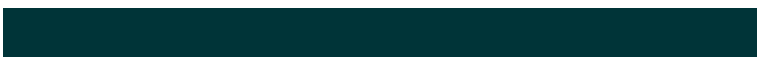
190, 205, 240



108, 114, 120



0, 89, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 240, 193, 190 looks on a white background.

Color Contrast Check

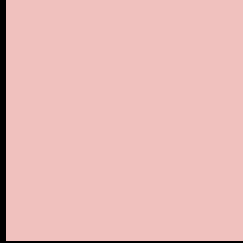
Large Text (above 18pt) WCAG AA × Fail

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, 193, 190 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, 193, 190 Background



This preview shows how black text looks on a background with the RYB color 240, 193, 190.

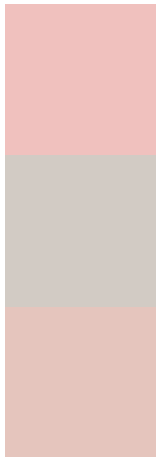


This preview shows how white text looks on a background with the RYB color 240, 193, 190.

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, 193, 190

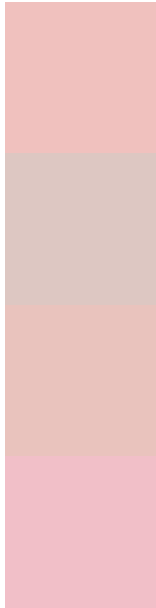
Protanopia
210, 210, 196

Deuteranopia
229, 199, 189



Tritanopia
242, 190, 205

Trichromacy



Original Color

240, 193, 190

Protanomaly

221, 200, 194

Deuteranomaly

233, 196, 189

Tritanomaly

241, 191, 200

Monochromacy



Original Color

240, 193, 190

Achromatopsia

207, 207, 207

Achromatomaly

219, 202, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 193, 190 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, 193, 190) looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 190)  
}
```

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, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 190) }
```

Border

The CSS property to change the border of an element to RYB 240, 193, 190 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, 193, 190) }
```

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

```
.border{ border-color:rgb(240, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 240, 193, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 190) }
```

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

```
.background{ background-color: rgb(240,  
193, 190) }
```

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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