

Converting Colors

`RYB(238, 192, 195)`

Have a look what the booklet for RYB(238, 192, 195) contains.

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Color

R_YB(238, 192, 195)

Conversions

Conversions Part 1

Format	Color
Hex	EEC0C3
RGB	238, 192, 195
RGB Percent	93%, 75%, 76%
CMY	0.0667, 0.2471, 0.2353
CMYK	0.00, 0.19, 0.18, 0.07
HSL	356°, 58%, 84%
HSV	356°, 19%, 93%
XYZ	63.9599, 59.8165, 59.8045
YIQ	206.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

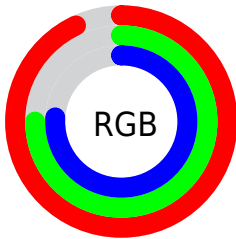
Format	Color
R _Y B	238, 192, 195
Decimal	15646915
CIE Lab	81.74, 16.87, 4.72
CIE LCh	82, 17.517, 15.647
Yxy	59.8165, 0.3484, 0.3258
Android (android.graphics.Color)	4293836995 (0xFFEEC0C3)
YUV	206.0960, -5.4703, 27.9798
Hunter-Lab	77.3412, 12.2695, 8.2925

Details

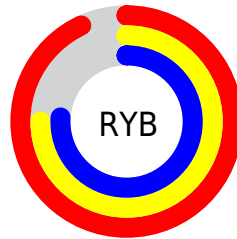
The RYB color **238, 192, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **192, 216, 238**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 249, 252**, and **181, 138, 141** is the 20% darker color. If you saturate the color by 10%, you get **238, 168, 173**, and if you desaturate by 10%, it is **238, 216, 217**.

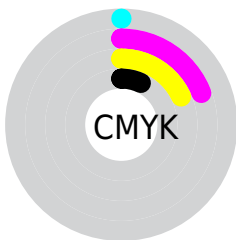
Distribution



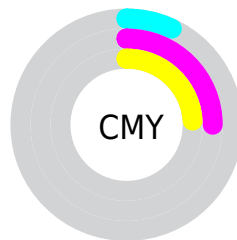
- Red (93%)
- Green (75%)
- Blue (76%)



- Red (93%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 192, 195 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 238, 192, 195 by changing the saturation by 10% instead.


 238, 192, 195

 238, 192, 195

255, 255, 255

 209, 165, 168

 255, 249, 252


 181, 138, 141

 154, 113, 116

 128, 88, 91

 102, 65, 68


 77, 42, 46


 53, 21, 25

 34, 0, 0

 0, 0, 0

 238, 192, 195

 238, 192, 195

 238, 168, 173

 238, 216, 217

 238, 144, 151

 238, 239, 240

 238, 121, 128

 238, 247, 255

 238, 97, 106

 238, 73, 84

 238, 49, 62

 238, 25, 39

 238, 2, 17

 238, 0, 16

Harmonies

Analogous

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



232, 193, 212



238, 192, 195



235, 201, 180

Triad

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



238, 192, 195



180, 209, 201



176, 196, 234

Complementary

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



238, 192, 195



192, 216, 238

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.



163, 190, 226



238, 192, 195



171, 197, 212

Square

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



238, 192, 195



174, 207, 172



161, 188, 213



196, 201, 235

Rectangle

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



238, 192, 195



228, 217, 174



161, 188, 213



170, 194, 233

Sweetspot

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



238, 192, 195



255, 240, 241



235, 192, 238



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



238, 192, 195



255, 196, 200



238, 227, 192



120, 108, 109



184, 0, 12



56, 0, 4

Inverse Universe

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



238, 192, 195



255, 196, 200



192, 209, 238



120, 108, 109



184, 0, 12



56, 0, 4

Previews

White Background



This preview shows how the RYB color 238, 192, 195 looks on a white background.

Color Contrast Check

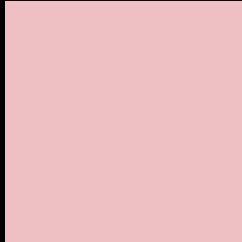
Large Text (above 18pt) WCAG AA × Fail

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 238, 192, 195 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 238, 192, 195 Background



This preview shows how black text looks on a background with the RYB color 238, 192, 195.




This preview shows how white text looks on a background with the RYB color 238, 192, 195.

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](#).

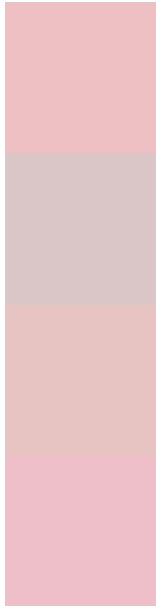
Dichromacy

	Original Color 238, 192, 195
	Protanopia 208, 202, 201
	Deuteranopia 227, 197, 194



Tritanopia
239, 190, 205

Trichromacy



Original Color

238, 192, 195

Protanomaly

219, 198, 199

Deuteranomaly

231, 195, 194

Tritanomaly

239, 191, 201

Monochromacy



Original Color

238, 192, 195

Achromatopsia

206, 206, 206

Achromatomaly

218, 201, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 192, 195 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(238, 192, 195) looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 195)  
}
```

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(238, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 195) }
```

Border

The CSS property to change the border of an element to RYB 238, 192, 195 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(238, 192, 195) }
```

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

```
.border{ border-color:rgb(238, 192, 195) }
```

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

Here you see how a box with a 4 pixel rgb(238, 192, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(238, 192,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 238, 192, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 195) }
```

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

```
.background{ background-color: rgb(238,  
192, 195) }
```

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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