Converting Colors

RGB(242, 193, 159)

Have a look what the booklet for RGB(242, 193, 159) contains.

Color

RGB(242, 193, 159)

Conversions

Conversions Part 1

Format	Color
Hex	F2C19F
RGB	242, 193, 159
RGB Percent	95%, 76%, 62%
CMY	0.0510, 0.2431, 0.3765
CMYK	0.00, 0.20, 0.34, 0.05
HSL	25°, 76%, 79%
HSV	25°, 34%, 95%
XYZ	61.9459, 59.5204, 41.0246
YIQ	203.7750, 40.1180, -0.1860

Conversions

Conversions Part 2

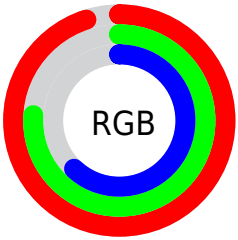
Format	Color
RYB	242, 217, 159
Decimal	15909279
CIELab	81.58, 12.92, 23.78
CIELCh	82, 27.064, 61.495
Yxy	59.5204, 0.3812, 0.3663
Android (android.graphics.Color)	4294099359 (0xFFF2C19F)
YUV	203.7750, -22.0741, 33.5233
Hunter-Lab	77.1495, 8.3122, 22.4769

Details

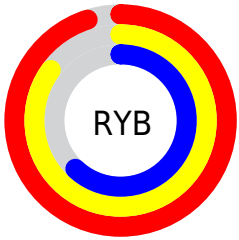
The RGB color 242, 193, 159 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 159, 208, 242, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 255, 249, 214, and 184, 139, 107 is the 20% darker color. If you saturate the color by 10%, you get 242, 179, 135, and if you desaturate by 10%, it is 242, 207, 183.

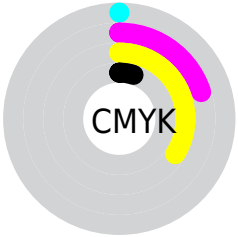
Distribution



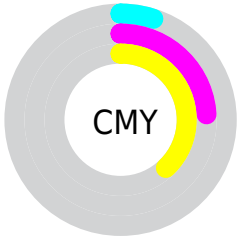
- Red (95%)
- Green (76%)
- Blue (62%)



- Red (95%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 193, 159 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 RGB color 242, 193, 159 by changing the saturation by 10% instead.

242, 193, 159

255, 255, 255

255, 249, 214

255, 255, 242

242, 193, 159

213, 166, 133

184, 139, 107

157, 114, 83

130, 89, 60

103, 66, 37

77, 44, 16

53, 23, 0

30, 0, 0

0, 0, 0

242, 193, 159

242, 179, 135

242, 164, 111

242, 150, 86

242, 136, 62

242, 122, 38

242, 107, 14

242, 99, 0

242, 193, 159

242, 207, 183

242, 222, 207

242, 236, 232

242, 250, 255

242, 255, 255

Harmonies

Analogous

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

254, 186, 177

242, 193, 159

220, 201, 152

Triad

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

242, 193, 159

139, 217, 203

209, 196, 246

Complementary

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

242, 193, 159

159, 208, 242

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.

174, 205, 253

242, 193, 159

129, 216, 228

Square

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

242, 193, 159

164, 215, 178

143, 212, 246

237, 188, 227

Rectangle

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

242, 193, 159

202, 207, 155

143, 212, 246

197, 199, 250

Sweetspot

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

242, 193, 159

255, 240, 230

242, 159, 209

128, 118, 112

0, 0, 0

128, 128, 128

Same Dimension

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

242, 193, 159

255, 193, 150

242, 234, 159

120, 113, 108

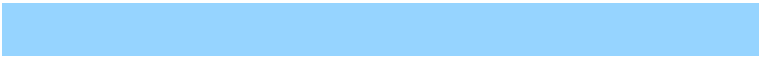
184, 75, 0

56, 23, 0

Inverse Universe

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

159, 208, 242



150, 212, 255

159, 167, 242

108, 115, 120

0, 108, 184

0, 33, 56

Previews

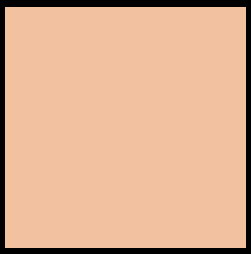
White Background

This preview shows how the RGB color 242, 193, 159 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



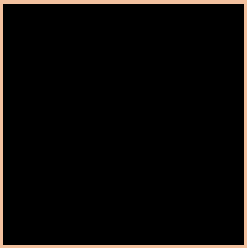
This preview shows how the RGB color 242, 193, 159 looks on a black background.

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.

RGB 242, 193, 159 Background



This preview shows how black text looks on a background with the RGB color 242, 193, 159.

This preview shows how white text looks on a background with the RGB color 242, 193, 159.

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
242, 193, 159

Protanopia
215, 203, 163

Deuteranopia
238, 195, 159

Tritanopia
246, 187, 202

Trichromacy

Original Color
242, 193, 159

Protanomaly
225, 199, 162

Deuteranomaly
239, 194, 159

Tritanomaly
245, 189, 186

Monochromacy

Original Color
242, 193, 159

Achromatopsia
204, 204, 204

Achromatomaly
218, 200, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 193, 159 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(242, 193, 159) looks like.

```
.text, #text, p{
    color:rgb(242, 193, 159)
}
```

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(242, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 159) }
```

Border

The CSS property to change the border of an element to RGB 242, 193, 159 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(242, 193, 159) }
```

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

```
.border{ border-color:rgb(242, 193, 159) }
```

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

Here you see how a box with a 4 pixel rgb(242, 193, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 193, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 193, 159); box-shadow:4px 4px 4px 4px rgb(242, 193, 159) }
```

Background

The CSS property to change the background color of an element to RGB 242, 193, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 193, 159) }
```

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

```
.background{ background-color:rgb(242,
193, 159) }
```

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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