Converting Colors

RYB(240, 209, 215)

Have a look what the booklet for RYB(240, 209, 215) contains.

Color

RYB(240, 209, 215)

Conversions

Format	Color
Hex	F0D1D7
RGB	240, 209, 215
RGB Percent	94%, 82%, 84%
CMY	0.0588, 0.1804, 0.1569
CMYK	0.00, 0.13, 0.10, 0.06
HSL	348°, 51%, 88%
HSV	348°, 13%, 94%
XYZ	71.0014, 69.0325, 73.8724
YIQ	218.9530, 16.5500, 8.4380

Conversions Part 1

Conversions

Conversions Part 2

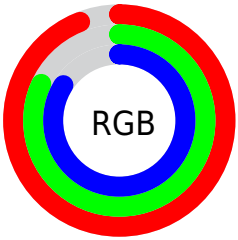
Format	Color
RYB	240, 209, 215
Decimal	15782359
CIELab	86.52, 11.78, 1.02
CIELCh	87, 11.823, 4.943
Yxy	69.0325, 0.3319, 0.3227
Android (android.graphics.Color)	4293972439 (0xFFF0D1D7)
YUV	218.9530, -1.9488, 18.4582
Hunter-Lab	83.0858, 7.1379, 5.4447

Details

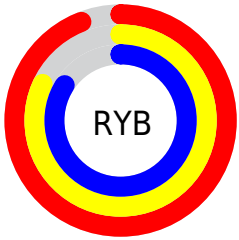
The RYB color 240, 209, 215 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 209, 226, 240, and the grayscale version is 219, 219, 219.

A 20% lighter version of the original color is 255, 255, 255, and 184, 155, 160 is the 20% darker color. If you saturate the color by 10%, you get 240, 185, 196, and if you desaturate by 10%, it is 240, 233, 234.

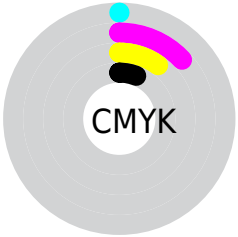
Distribution



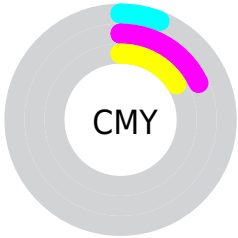
- Red (94%)
- Green (82%)
- Blue (84%)



- Red (94%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 209, 215 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, 209, 215 by changing the saturation by 10% instead.

240, 209, 215

255, 255, 255

240, 209, 215

212, 181, 187

184, 155, 160

157, 128, 134

130, 103, 109

105, 79, 85

81, 56, 62

57, 35, 40

35, 14, 19

0, 0, 0

240, 209, 215

240, 185, 196

240, 161, 176

240, 137, 157

240, 113, 138

240, 89, 118

240, 65, 99

240, 41, 80

240, 17, 60

240, 0, 46

240, 209, 215

240, 233, 234

240, 248, 255

240, 248, 255

Harmonies

Analogous

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

233, 210, 226

240, 209, 215

240, 211, 204

Triad

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

240, 209, 215

198, 220, 207

195, 211, 236

Complementary

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

240, 209, 215

209, 226, 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.

189, 207, 229

240, 209, 215

199, 216, 222

Square

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

240, 209, 215

205, 224, 194

191, 208, 223

207, 215, 239

Rectangle

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

240, 209, 215

237, 219, 199

191, 208, 223

192, 209, 234

Sweetspot

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

240, 209, 215

255, 245, 247

234, 209, 240

128, 121, 122

0, 0, 0

128, 128, 128

Same Dimension

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

240, 209, 215

255, 214, 222

240, 222, 209

120, 108, 110

184, 0, 36

56, 0, 11

Inverse Universe

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

240, 209, 215

255, 214, 222

209, 222, 240

120, 108, 110

184, 0, 36

56, 0, 11

Previews

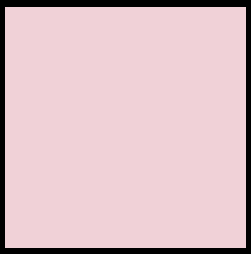
White Background

This preview shows how the RYB color 240, 209, 215 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



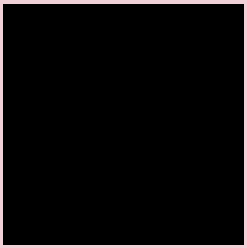
This preview shows how the RYB color 240, 209, 215 looks on a black background.

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, 209, 215 Background



This preview shows how black text looks on a background with the RYB color 240, 209, 215.

This preview shows how white text looks on a background with the RYB color 240, 209, 215.

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, 209, 215

Protanopia
220, 216, 219

Deuteranopia
238, 210, 215

Tritanopia
241, 208, 224

Trichromacy

Original Color
240, 209, 215

Protanomaly
227, 213, 218

Deuteranomaly
239, 210, 215

Tritanomaly
241, 208, 221

Monochromacy

Original Color
240, 209, 215

Achromatopsia
219, 219, 219

Achromatomaly
227, 215, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 209, 215 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, 209, 215) looks like.

```
.text, #text, p{
    color:rgb(240, 209, 215)
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 215) }
```

Border

The CSS property to change the border of an element to RYB 240, 209, 215 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, 209, 215) }
```

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

```
.border{ border-color:rgb(240, 209, 215) }
```

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

Here you see how a box with a 4 pixel rgb(240, 209, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 209, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 209, 215); box-shadow:4px 4px 4px 4px rgb(240, 209, 215) }
```

Background

The CSS property to change the background color of an element to RYB 240, 209, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 209, 215) }
```

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

```
.background{ background-color:rgb(240,
209, 215) }
```

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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