Converting Colors

RYB(240, 219, 236)

Have a look what the booklet for RYB(240, 219, 236) contains.

Color

RYB(240, 219, 236)

Conversions

Format	Color
Hex	F0DBEC
RGB	240, 219, 236
RGB Percent	94%, 86%, 93%
CMY	0.0588, 0.1412, 0.0745
CMYK	0.00, 0.09, 0.02, 0.06
HSL	311°, 41%, 90%
HSV	311°, 9%, 94%
XYZ	76.4070, 75.2444, 89.8534
YIQ	227.2170, 7.0590, 9.7390

Conversions Part 1

Conversions

Conversions Part 2

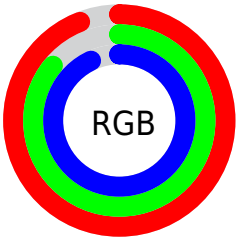
Format	Color
RYB	240, 219, 236
Decimal	15784940
CIELab	89.51, 10.14, -5.69
CIELCh	90, 11.622, 330.710
Yxy	75.2444, 0.3164, 0.3116
Android (android.graphics.Color)	4293975020 (0xFFF0DBEC)
YUV	227.2170, 4.3300, 11.2107
Hunter-Lab	86.7435, 5.4284, -0.6951

Details

The RYB color 240, 219, 236 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 219, 237, 240, and the grayscale version is 227, 227, 227.

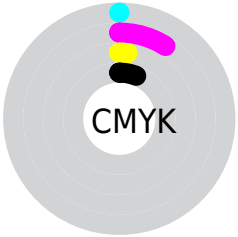
A 20% lighter version of the original color is 255, 255, 255, and 184, 164, 180 is the 20% darker color. If you saturate the color by 10%, you get 240, 195, 231, and if you desaturate by 10%, it is 240, 242, 243.

Distribution

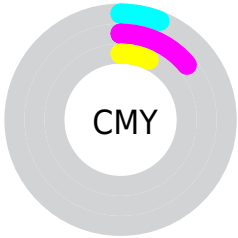


- Red (94%)
- Green (86%)
- Blue (93%)

- Red (94%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 219, 236 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, 219, 236 by changing the saturation by 10% instead.

240, 219, 236

255, 255, 255

240, 219, 236

212, 191, 208

184, 164, 180

157, 138, 153

131, 112, 127

106, 88, 102

81, 64, 78

58, 42, 56

36, 22, 34

15, 0, 12

240, 219, 236

240, 195, 231

240, 171, 227

240, 147, 222

240, 123, 218

240, 99, 213

240, 75, 209

240, 51, 204

240, 27, 199

240, 3, 195

240, 219, 236

240, 242, 243

240, 251, 255

240, 249, 255

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.

228, 222, 244

240, 219, 236

248, 218, 225

Triad

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

240, 219, 236

218, 234, 203

198, 216, 236

Complementary

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

240, 219, 236

219, 237, 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.

200, 218, 232

240, 219, 236

206, 228, 213

Square

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

240, 219, 236

244, 231, 206

209, 226, 230

203, 219, 244

Rectangle

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

240, 219, 236

249, 218, 218

209, 226, 230

198, 215, 232

Sweetspot

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

240, 219, 236

255, 247, 254

223, 219, 240

128, 122, 127

0, 0, 0

128, 128, 128

Same Dimension

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

240, 219, 236

255, 227, 250

240, 219, 226

120, 108, 118

184, 0, 149

56, 0, 45

Inverse Universe

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

240, 219, 236

255, 227, 250

219, 232, 240

120, 108, 118

184, 0, 149

56, 0, 45

Previews

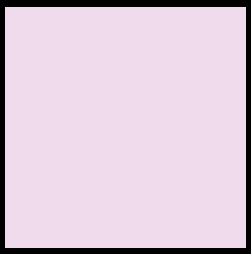
White Background

This preview shows how the RYB color 240, 219, 236 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



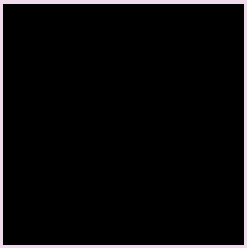
This preview shows how the RYB color 240, 219, 236 looks on a black background.

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, 219, 236 Background



This preview shows how black text looks on a background with the RYB color 240, 219, 236.

This preview shows how white text looks on a background with the RYB color 240, 219, 236.

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, 219, 236

Protanopia
225, 224, 239

Deuteranopia
242, 218, 236

Tritanopia
240, 219, 236

Trichromacy

Original Color
240, 219, 236

Protanomaly
230, 222, 238

Deuteranomaly
241, 218, 236

Tritanomaly
240, 219, 236

Monochromacy

Original Color
240, 219, 236

Achromatopsia
227, 227, 227

Achromatomaly
232, 224, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 219, 236 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, 219, 236) looks like.

```
.text, #text, p{
    color:rgb(240, 219, 236)
}
```

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, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 236) }
```

Border

The CSS property to change the border of an element to RYB 240, 219, 236 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, 219, 236) }
```

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

```
.border{ border-color:rgb(240, 219, 236) }
```

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

Here you see how a box with a 4 pixel rgb(240, 219, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 219, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 219, 236); box-shadow:4px 4px 4px 4px rgb(240, 219, 236) }
```

Background

The CSS property to change the background color of an element to RYB 240, 219, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 219, 236) }
```

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

```
.background{ background-color:rgb(240,
219, 236) }
```

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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