Converting Colors

RYB(240, 227, 225)

Have a look what the booklet for RYB(240, 227, 225) contains.

Color

RYB(240, 227, 225)

Conversions

Conversions Part 1

Format	Color
Hex	F0E3E1
RGB	240, 227, 225
RGB Percent	94%, 89%, 88%
CMY	0.0588, 0.1107, 0.1176
CMYK	0.00, 0.06, 0.06, 0.06
HSL	7°, 33%, 91%
HSV	7°, 6%, 94%
XYZ	76.9306, 78.7710, 82.3838
YIQ	230.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

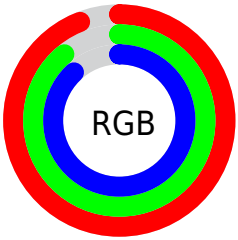
Format	Color
RYB	240, 227, 225
Decimal	15786977
CIELab	91.13, 4.20, 2.46
CIELCh	91, 4.868, 30.387
Yxy	78.7710, 0.3231, 0.3309
Android (android.graphics.Color)	4293977057 (0xFFF0E3E1)
YUV	230.6590, -2.7899, 8.1921
Hunter-Lab	88.7531, -0.5952, 7.0920

Details

The RYB color 240, 227, 225 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 225, 232, 240, and the grayscale version is 231, 231, 231.

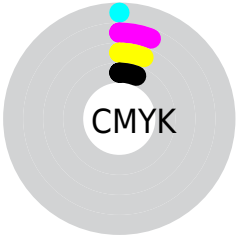
A 20% lighter version of the original color is 255, 255, 255, and 184, 172, 170 is the 20% darker color. If you saturate the color by 10%, you get 240, 207, 201, and if you desaturate by 10%, it is 240, 244, 249.

Distribution

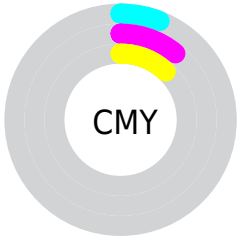


- Red (94%)
- Green (89%)
- Blue (88%)

- Red (94%)
- Yellow (89%)
- Blue (88%)



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



- Cyan (6%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 227, 225 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, 227, 225 by changing the saturation by 10% instead.

240, 227, 225

255, 255, 255

240, 227, 225

212, 199, 197

184, 171, 170

157, 145, 143

131, 119, 118

106, 95, 93

82, 71, 70

58, 49, 47

37, 28, 27

16, 1, 0

240, 227, 225

240, 207, 201

240, 185, 177

240, 164, 153

240, 144, 129

240, 123, 105

240, 103, 81

240, 82, 57

240, 60, 33

240, 40, 9

240, 227, 225

240, 244, 249

240, 248, 255

Harmonies

Analogous

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

239, 227, 230

240, 227, 225

238, 232, 222

Triad

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

240, 227, 225

223, 230, 232

225, 229, 239

Complementary

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

240, 227, 225

225, 232, 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.

221, 227, 237

240, 227, 225

219, 226, 232

Square

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

240, 227, 225

221, 231, 224

219, 226, 234

231, 228, 238

Rectangle

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

240, 227, 225

230, 235, 220

219, 226, 234

223, 228, 239

Sweetspot

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

240, 227, 225

255, 251, 250

240, 225, 238

128, 125, 125

0, 0, 0

128, 128, 128

Same Dimension

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

240, 227, 225

255, 237, 235

235, 240, 225

120, 109, 108

184, 25, 0

56, 8, 0

Inverse Universe

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

225, 232, 240

235, 244, 255

225, 229, 240

108, 113, 120

0, 86, 184

0, 26, 56

Previews

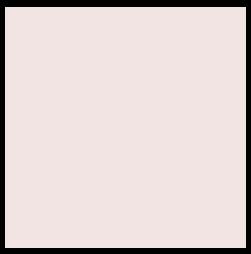
White Background

This preview shows how the RYB color 240, 227, 225 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



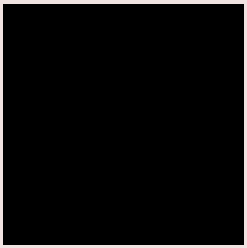
This preview shows how the RYB color 240, 227, 225 looks on a black background.

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, 227, 225 Background



This preview shows how black text looks on a background with the RYB color 240, 227, 225.

This preview shows how white text looks on a background with the RYB color 240, 227, 225.

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, 227, 225

Protanopia
234, 231, 226

Deuteranopia
253, 222, 226

Tritanopia
242, 224, 242

Trichromacy

Original Color
240, 227, 225

Protanomaly
236, 229, 226

Deuteranomaly
248, 224, 226

Tritanomaly
241, 225, 236

Monochromacy

Original Color
240, 227, 225

Achromatopsia
231, 231, 231

Achromatomaly
234, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 227, 225 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, 227, 225) looks like.

```
.text, #text, p{
    color:rgb(240, 227, 225)
}
```

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, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 225) }
```

Border

The CSS property to change the border of an element to RYB 240, 227, 225 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, 227, 225) }
```

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

```
.border{ border-color:rgb(240, 227, 225) }
```

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

Here you see how a box with a 4 pixel rgb(240, 227, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 227, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 227, 225); box-shadow:4px 4px 4px 4px rgb(240, 227, 225) }
```

Background

The CSS property to change the background color of an element to RYB 240, 227, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 227, 225) }
```

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

```
.background{ background-color:rgb(240,
227, 225) }
```

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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