Converting Colors

RYB(240, 229, 150)

Have a look what the booklet for RYB(240, 229, 150) contains.

Color

RYB(240, 229, 150)

Conversions

Conversions Part 1

Format	Color
Hex	F0C096
RGB	240, 192, 150
RGB Percent	94%, 75%, 59%
CMY	0.0588, 0.2468, 0.4118
CMYK	0.00, 0.20, 0.37, 0.06
HSL	28°, 75%, 76%
HSV	28°, 37%, 94%
XYZ	60.3054, 58.4577, 36.9592
YIQ	201.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

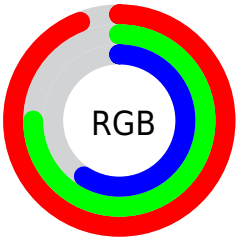
Format	Color
RYB	240, 229, 150
Decimal	15777942
CIELab	80.99, 11.57, 27.71
CIELCh	81, 30.034, 67.336
Yxy	58.4577, 0.3873, 0.3754
Android (android.graphics.Color)	4293968022 (0xFFF0C096)
YUV	201.5640, -25.4211, 33.7084
Hunter-Lab	76.4577, 6.9897, 24.8599

Details

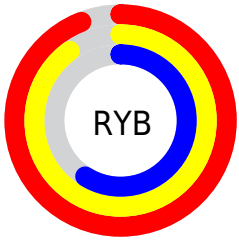
The RYB color 240, 229, 150 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 150, 181, 240, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 212, 255, 204, and 182, 176, 99 is the 20% darker color. If you saturate the color by 10%, you get 240, 225, 126, and if you desaturate by 10%, it is 240, 232, 174.

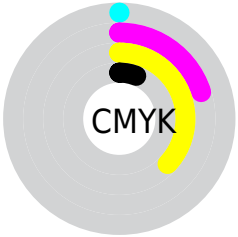
Distribution



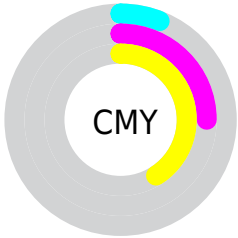
- Red (94%)
- Green (75%)
- Blue (59%)



- Red (94%)
- Yellow (90%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 229, 150 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, 229, 150 by changing the saturation by 10% instead.

240, 229, 150

255, 255, 255

212, 255, 204

233, 255, 233

240, 229, 150

211, 202, 124

182, 176, 99

155, 147, 75

127, 127, 51

101, 101, 29

66, 75, 6

50, 39, 0

27, 0, 0

0, 0, 0

240, 229, 150

240, 225, 126

240, 225, 102

240, 221, 78

240, 217, 54

240, 214, 30

240, 210, 6

240, 210, 0

240, 229, 150

240, 232, 174

240, 236, 198

240, 236, 222

240, 242, 246

240, 248, 255

Harmonies

Analogous

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

255, 188, 168

240, 229, 150

161, 215, 145

Triad

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

240, 229, 150

125, 174, 217

214, 192, 246

Complementary

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

240, 229, 150

150, 181, 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.

176, 195, 255

240, 229, 150

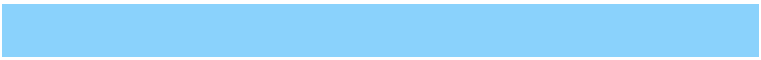
117, 170, 234

Square

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

240, 229, 150

151, 196, 215



138, 182, 252

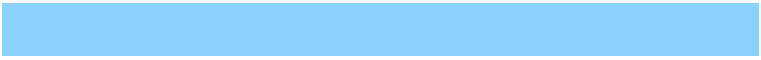
243, 183, 223

Rectangle

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

240, 229, 150

151, 207, 164



138, 182, 252

202, 195, 251

Sweetspot

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

240, 229, 150

255, 251, 227

240, 150, 198

128, 126, 111

0, 0, 0

128, 128, 128

Same Dimension

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

240, 229, 150

255, 242, 140

153, 240, 150

120, 117, 108

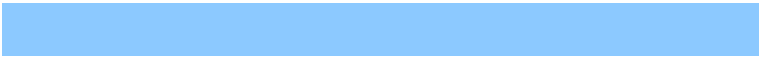
184, 161, 0

56, 49, 0

Inverse Universe

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

150, 181, 240



140, 180, 255

150, 153, 240

108, 112, 120

0, 64, 184

0, 20, 56

Previews

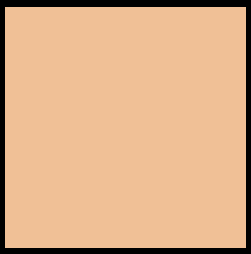
White Background

This preview shows how the RYB color 240, 229, 150 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



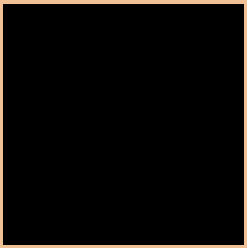
This preview shows how the RYB color 240, 229, 150 looks on a black background.

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, 229, 150 Background



This preview shows how black text looks on a background with the RYB color 240, 229, 150.

This preview shows how white text looks on a background with the RYB color 240, 229, 150.

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, 229, 150

Protanopia
172, 215, 154

Deuteranopia
238, 234, 150

Tritanopia
245, 185, 200

Trichromacy

Original Color
240, 229, 150

Protanomaly
194, 224, 153

Deuteranomaly
239, 233, 150

Tritanomaly
243, 189, 182

Monochromacy

Original Color
240, 229, 150

Achromatopsia
202, 202, 202

Achromatomaly
216, 211, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 229, 150 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, 192, 150) looks like.

```
.text, #text, p{
    color:rgb(240, 192, 150)
}
```

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, 192, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 150) }
```

Border

The CSS property to change the border of an element to RYB 240, 229, 150 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, 192, 150) }
```

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

```
.border{ border-color:rgb(240, 192, 150) }
```

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

Here you see how a box with a 4 pixel rgb(240, 192, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 192, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 192, 150); box-shadow:4px 4px 4px 4px rgb(240, 192, 150) }
```

Background

The CSS property to change the background color of an element to RYB 240, 229, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 192, 150) }
```

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

```
.background{ background-color:rgb(240,
192, 150) }
```

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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