

Converting Colors

`RYB(240, 240, 202)`

Have a look what the booklet for
RYB(240, 240, 202) contains.

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Color

R_YB(240, 240, 202)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDCA
RGB	240, 221, 202
RGB Percent	94%, 87%, 79%
CMY	0.0588, 0.1333, 0.2078
CMYK	0.00, 0.08, 0.16, 0.06
HSL	30°, 56%, 87%
HSV	30°, 16%, 94%
XYZ	72.4523, 74.5024, 66.4389
YIQ	224.5150, 17.4230, -1.8810

Conversions

Conversions Part 2

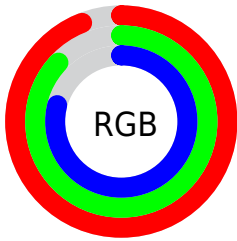
Format	Color
R _Y B	240, 240, 202
Decimal	15785418
CIE Lab	89.16, 3.47, 11.67
CIE LCh	89, 12.179, 73.434
Yxy	74.5024, 0.3395, 0.3491
Android (android.graphics.Color)	4293975498 (0xFFF0DDCA)
YUV	224.5150, -11.0999, 13.5803
Hunter-Lab	86.3148, -1.2187, 14.7832

Details

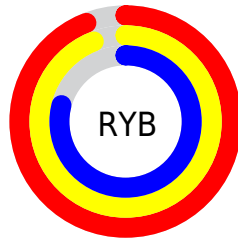
The RYB color **240, 240, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 215, 240**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 184, 148** is the 20% darker color. If you saturate the color by 10%, you get **240, 240, 178**, and if you desaturate by 10%, it is **240, 240, 226**.

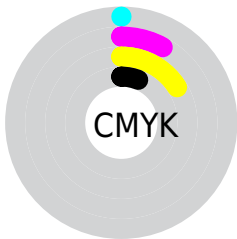
Distribution



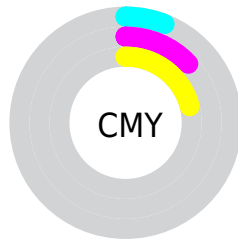
- Red (94%)
- Green (87%)
- Blue (79%)



- Red (94%)
- Yellow (94%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 240, 202 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, 240, 202 by changing the saturation by 10% instead.

 240, 240, 202

255, 255, 255


 240, 240, 202


 212, 210, 175

 184, 184, 148

 155, 157, 122

 128, 130, 97

 103, 105, 74

 81, 81, 51

 55, 57, 30

 25, 36, 5

 0, 0, 0

 240, 240, 202

 240, 240, 202

 240, 240, 178

 240, 240, 226


 240, 240, 154


 240, 243, 250


 240, 240, 130


 240, 248, 255

 240, 240, 106

 240, 240, 82

 240, 240, 58

 240, 240, 34

 240, 240, 10

 240, 240, 0

Harmonies

Analogous

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



248, 221, 208



240, 240, 202



204, 228, 201

Triad

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



240, 240, 202



196, 214, 231



233, 219, 241

Complementary

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



240, 240, 202



202, 215, 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.



218, 222, 246



240, 240, 202



196, 215, 239

Square

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



240, 240, 202



203, 221, 230



205, 219, 246



244, 217, 231

Rectangle

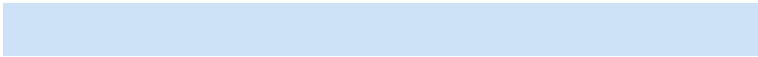
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 240, 202



204, 227, 212



205, 219, 246



228, 221, 243

Sweetspot

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



240, 240, 202



253, 255, 242



240, 202, 221



128, 128, 120



0, 0, 0



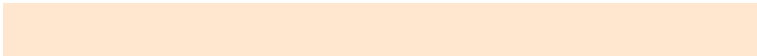
128, 128, 128

Same Dimension

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



240, 240, 202



255, 255, 207



202, 240, 202



120, 120, 108



184, 184, 0



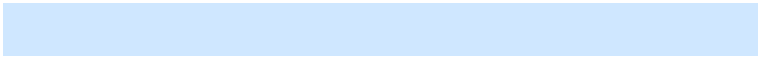
56, 56, 0

Inverse Universe

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



202, 215, 240



207, 223, 255



202, 202, 240



108, 112, 120



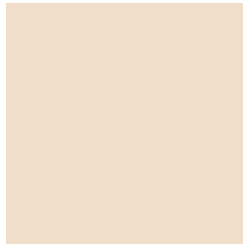
0, 61, 184



0, 19, 56

Previews

White Background



This preview shows how the RYB color 240, 240, 202 looks on a white background.

Color Contrast Check

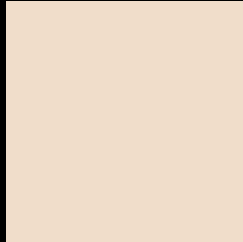
Large Text (above 18pt) WCAG AA × Fail

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, 240, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

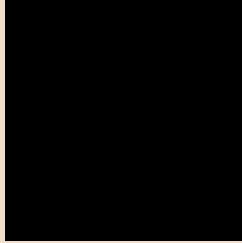
Any Text WCAG AA ✓ Pass

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](#).

R Y B 240, 240, 202 Background



This preview shows how black text looks on a background with the RYB color 240, 240, 202.





This preview shows how white text looks on a background with the RYB color 240, 240, 202.

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, 240, 202
	Protanopia 218, 233, 203
	Deuteranopia 253, 221, 203



Tritanopia
244, 216, 233

Trichromacy



Original Color

240, 240, 202

Protanomaly

227, 236, 203

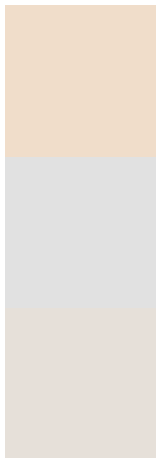
Deuteranomaly

248, 226, 203

Tritanomaly

243, 218, 222

Monochromacy



Original Color

240, 240, 202

Achromatopsia

225, 225, 225

Achromatomaly

228, 230, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 240, 202 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, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 202)  
}
```

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, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 202) }
```

Border

The CSS property to change the border of an element to RYB 240, 240, 202 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, 221, 202) }
```

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

```
.border{ border-color:rgb(240, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 240, 240, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 202) }
```

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

```
.background{ background-color: rgb(240,  
221, 202) }
```

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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