

Converting Colors

`RYB(240, 230, 219)`

Have a look what the booklet for RYB(240, 230, 219) contains.

RYB(240, 230, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(240, 230, 219)

Conversions

Conversions Part 1

Format	Color
Hex	F0E2DB
RGB	240, 226, 219
RGB Percent	94%, 89%, 86%
CMY	0.0588, 0.1129, 0.1412
CMYK	0.00, 0.06, 0.09, 0.06
HSL	21°, 41%, 90%
HSV	21°, 9%, 94%
XYZ	75.9772, 78.1515, 78.0981
YIQ	229.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

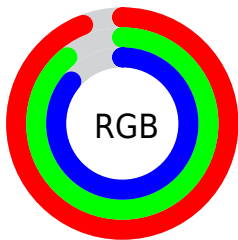
Format	Color
R_{YB}	240, 230, 219
Decimal	15786715
CIE _{Lab}	90.85, 3.48, 5.19
CIE _{LCh}	91, 6.252, 56.174
Yxy	78.1515, 0.3272, 0.3365
Android (android.graphics.Color)	4293976795 (0xFFFF0E2DB)
YUV	229.3880, -5.1213, 9.3067
Hunter-Lab	88.4033, -1.2960, 9.5038

Details

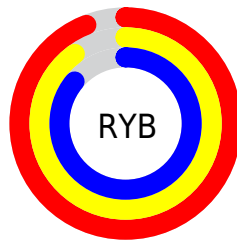
The RYB color **240, 230, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 227, 240**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 175, 164** is the 20% darker color. If you saturate the color by 10%, you get **240, 218, 195**, and if you desaturate by 10%, it is **240, 241, 243**.

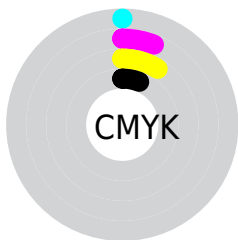
Distribution



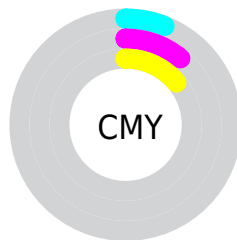
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (90%)
- Blue (86%)



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



- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 230, 219 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, 230, 219 by changing the saturation by 10% instead.

 240, 230, 219


255, 255, 255

 240, 230, 219


 212, 202, 191


 184, 175, 164


 157, 147, 138

 131, 123, 112

 106, 97, 88

 81, 75, 65

 58, 51, 43

 36, 30, 22

 13, 0, 0

 240, 230, 219


 240, 230, 219


 240, 218, 195


 240, 241, 243


 240, 208, 171


 240, 248, 255


 240, 196, 147

 240, 184, 123

 240, 172, 99

 240, 162, 75

 240, 150, 51

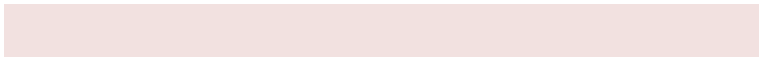
 240, 138, 27

 240, 126, 3

Harmonies

Analogous

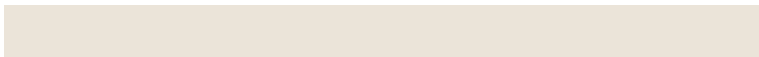
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 225, 224



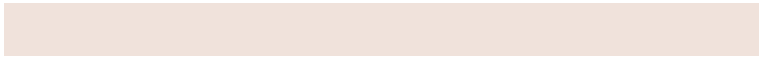
240, 230, 219



228, 235, 217

Triad

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



240, 230, 219



216, 225, 232



229, 227, 239

Complementary

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



240, 230, 219



219, 227, 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.



222, 227, 241



240, 230, 219



214, 223, 234

Square

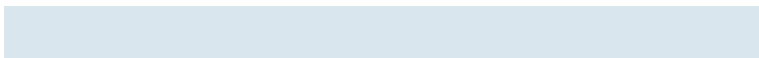
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 230, 219



221, 231, 232



217, 225, 238



236, 226, 235

Rectangle

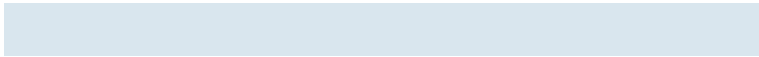
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 230, 219



218, 230, 217



217, 225, 238



227, 228, 240

Sweetspot

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



240, 230, 219



255, 252, 247



240, 219, 233



128, 125, 122



0, 0, 0



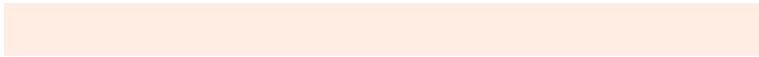
128, 128, 128

Same Dimension

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



240, 230, 219



255, 243, 227



224, 240, 219



120, 114, 108



184, 96, 0



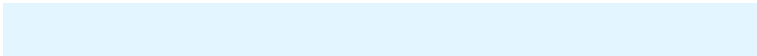
56, 29, 0

Inverse Universe

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



219, 227, 240



227, 238, 255



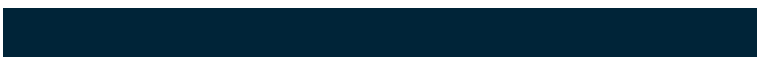
219, 222, 240



108, 113, 120



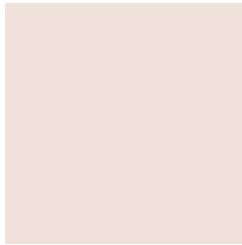
0, 73, 184



0, 22, 56

Previews

White Background



This preview shows how the RYB color 240, 230, 219 looks on a white background.

Color Contrast Check

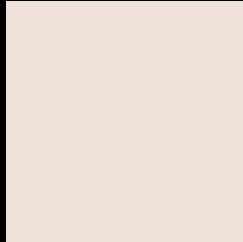
Large Text (above 18pt) WCAG AA × Fail

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, 230, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

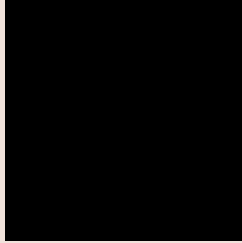
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

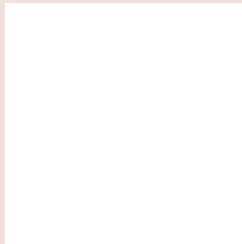
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 240, 230, 219 Background



This preview shows how black text looks on a background with the RYB color 240, 230, 219.

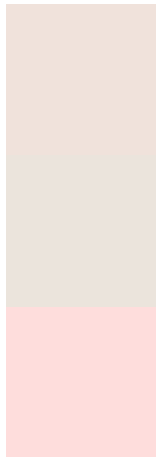


This preview shows how white text looks on a background with the RYB color 240, 230, 219.

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, 230, 219

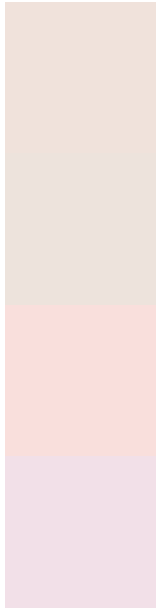
Protanopia
233, 235, 220

Deuteranopia
254, 221, 220



Tritanopia
243, 223, 240

Trichromacy



Original Color

240, 230, 219

Protanomaly

237, 232, 220

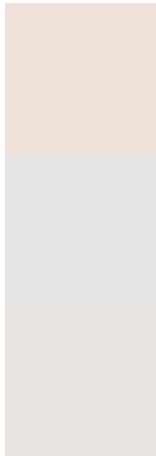
Deuteranomaly

249, 223, 220

Tritanomaly

242, 224, 232

Monochromacy



Original Color

240, 230, 219

Achromatopsia

230, 230, 230

Achromatomaly

234, 231, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 230, 219 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, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 219)  
}
```

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, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 219) }
```

Border

The CSS property to change the border of an element to RYB 240, 230, 219 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, 226, 219) }
```

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

```
.border{ border-color:rgb(240, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 240, 230, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 219) }
```

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

```
.background{ background-color: rgb(240,  
226, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor