

Converting Colors

`RYB(240, 219, 229)`

Have a look what the booklet for RYB(240, 219, 229) contains.

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Color

R_YB(240, 219, 229)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE5
RGB	240, 219, 229
RGB Percent	94%, 86%, 90%
CMY	0.0588, 0.1412, 0.1020
CMYK	0.00, 0.09, 0.05, 0.06
HSL	331°, 41%, 90%
HSV	331°, 9%, 94%
XYZ	75.4096, 74.8454, 84.6008
YIQ	226.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

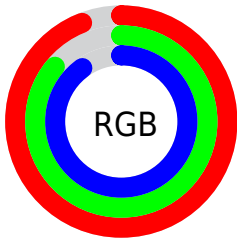
Format	Color
R _{YB}	240, 219, 229
Decimal	15784933
CIE Lab	89.32, 8.91, -2.28
CIE LCh	89, 9.196, 345.652
Yxy	74.8454, 0.3211, 0.3187
Android (android.graphics.Color)	4293975013 (0xFFFF0DBE5)
YUV	226.4190, 1.2724, 11.9105
Hunter-Lab	86.5133, 4.1919, 2.5799

Details

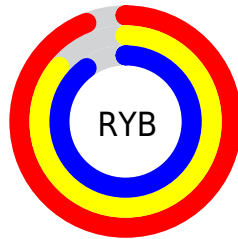
The RYB color **240, 219, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 233, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 164, 174** is the 20% darker color. If you saturate the color by 10%, you get **240, 195, 216**, and if you desaturate by 10%, it is **240, 242, 243**.

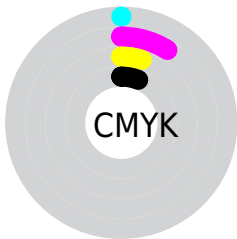
Distribution



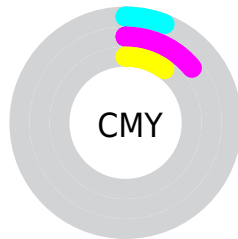
- Red (94%)
- Green (86%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 219, 229 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, 229 by changing the saturation by 10% instead.

■ 240, 219, 229

255, 255, 255

■ 240, 219, 229

■ 212, 191, 201

■ 184, 164, 174

■ 157, 138, 147

■ 131, 112, 121

■ 106, 88, 97

■ 81, 64, 73


■ 58, 42, 50

■ 36, 22, 29


■ 14, 0, 3

 240, 219, 229


 240, 219, 229

 240, 195, 216


 240, 242, 243


 240, 171, 204


 240, 248, 255


 240, 147, 191


 240, 248, 255

 240, 123, 179

 240, 99, 166

 240, 75, 154

 240, 51, 141

 240, 27, 128

 240, 3, 116

Harmonies

Analogous

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



232, 221, 237



240, 219, 229



244, 219, 220

Triad

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



240, 219, 229



210, 227, 208



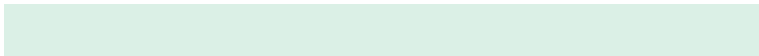
204, 218, 237

Complementary

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



240, 219, 229



219, 233, 240

Split Complementary

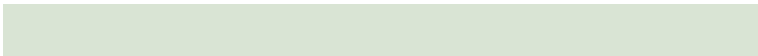
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203, 217, 230



240, 219, 229



212, 228, 223

Square

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



240, 219, 229



236, 236, 208



208, 221, 229



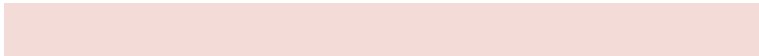
211, 221, 241

Rectangle

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



240, 219, 229



243, 220, 215



208, 221, 229



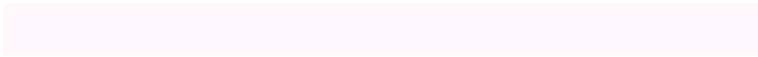
203, 217, 234

Sweetspot

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



240, 219, 229



255, 247, 251



230, 219, 240



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

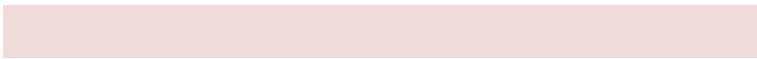
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 219, 229



255, 227, 240



240, 219, 219



120, 108, 114



184, 0, 87



56, 0, 27

Inverse Universe

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



240, 219, 229



255, 227, 240



219, 230, 240



120, 108, 114



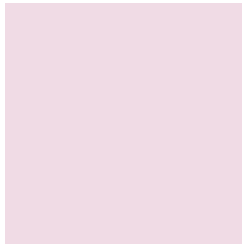
184, 0, 87



56, 0, 27

Previews

White Background



This preview shows how the RYB color 240, 219, 229 looks on a white background.

Color Contrast Check

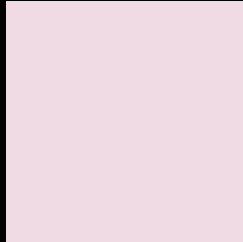
Large Text (above 18pt) WCAG AA × Fail

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, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

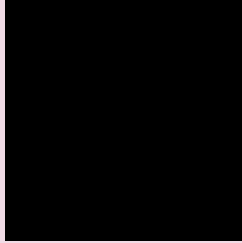
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

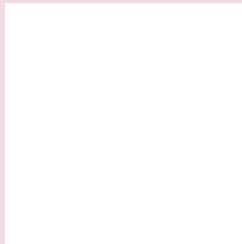
Any Text WCAG AAA ✓ Pass

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

RYB 240, 219, 229 Background



This preview shows how black text looks on a background with the RYB color 240, 219, 229.



This preview shows how white text looks on a background with the RYB color 240, 219, 229.

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

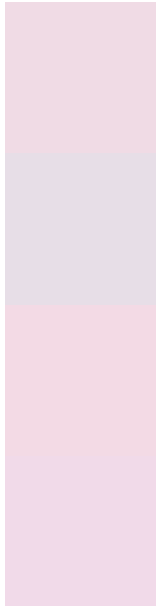
	Original Color 240, 219, 229
	Protanopia 226, 223, 232
	Deuteranopia 244, 218, 229



Tritanopia

241, 218, 235

Trichromacy



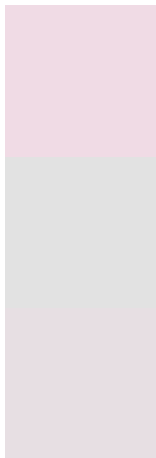
Original Color
240, 219, 229

Protanomaly
231, 222, 231

Deuteranomaly
243, 218, 229

Tritanomaly
241, 218, 233

Monochromacy



Original Color
240, 219, 229

Achromatopsia
226, 226, 226

Achromatomaly
231, 223, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 219, 229 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 229) }
```

Border

The CSS property to change the border of an element to RYB 240, 219, 229 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, 229) }
```

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

```
.border{ border-color:rgb(240, 219, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 240, 219, 229 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, 229) }
```

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

```
.background{ background-color: rgb(240,  
219, 229) }
```

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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