

Converting Colors

`RYB(240, 209, 207)`

Have a look what the booklet for
RYB(240, 209, 207) contains.

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Color

$\text{RYB}(240, 209, 207)$

Conversions

Conversions Part 1

Format	Color
Hex	F0D1CF
RGB	240, 209, 207
RGB Percent	94%, 82%, 81%
CMY	0.0588, 0.1808, 0.1882
CMYK	0.00, 0.13, 0.14, 0.06
HSL	3°, 52%, 88%
HSV	3°, 14%, 94%
XYZ	69.9701, 68.5751, 68.5800
YIQ	218.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

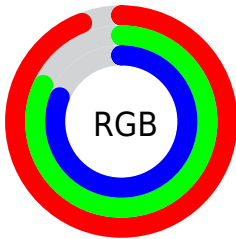
Format	Color
R _Y B	240, 209, 207
Decimal	15782351
CIE Lab	86.29, 10.55, 4.93
CIE LCh	86, 11.645, 25.041
Yxy	68.5751, 0.3378, 0.3311
Android (android.graphics.Color)	4293972431 (0xFFFF0D1CF)
YUV	218.0410, -5.4432, 19.2580
Hunter-Lab	82.8101, 5.9053, 8.8655

Details

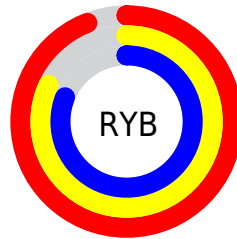
The RYB color **240, 209, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 223, 240**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 155, 153** is the 20% darker color. If you saturate the color by 10%, you get **240, 186, 183**, and if you desaturate by 10%, it is **240, 232, 231**.

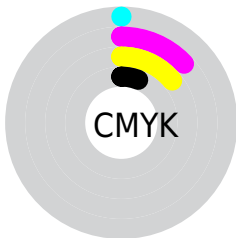
Distribution



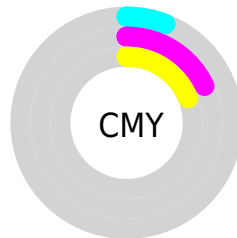
- Red (94%)
- Green (82%)
- Blue (81%)



- Red (94%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 209, 207 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, 209, 207 by changing the saturation by 10% instead.

 240, 209, 207


255, 255, 255

 240, 209, 207


 212, 181, 179

 184, 154, 153

 157, 128, 127

 130, 103, 102

 105, 79, 78

 80, 56, 55


 57, 35, 34

 35, 14, 11


 0, 0, 0

 240, 209, 207


 240, 209, 207

 240, 186, 183


 240, 232, 231

 240, 164, 159

 240, 247, 255

 240, 141, 135

 240, 248, 255

 240, 118, 111

 240, 97, 87

 240, 74, 63

 240, 51, 39

 240, 29, 15

 240, 15, 0

Harmonies

Analogous

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



237, 209, 218



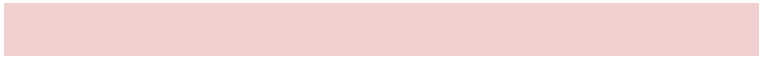
240, 209, 207



236, 218, 198

Triad

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



240, 209, 207



202, 220, 221



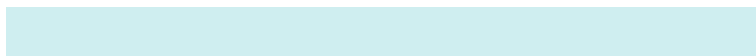
202, 213, 238

Complementary

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



240, 209, 207



207, 223, 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.



192, 209, 234



240, 209, 207



192, 209, 222

Square

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



240, 209, 207



196, 218, 199



188, 206, 225



216, 214, 236

Rectangle

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



240, 209, 207



231, 231, 195



188, 206, 225



198, 212, 237

Sweetspot

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



240, 209, 207



255, 245, 245



240, 207, 238



128, 121, 121



0, 0, 0



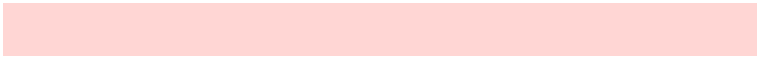
128, 128, 128

Same Dimension

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



240, 209, 207



255, 214, 212



235, 240, 207



120, 109, 108



184, 11, 0



56, 3, 0

Inverse Universe

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



207, 223, 240



212, 233, 255



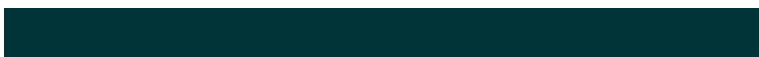
207, 217, 240



108, 114, 120



0, 89, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 240, 209, 207 looks on a white background.

Color Contrast Check

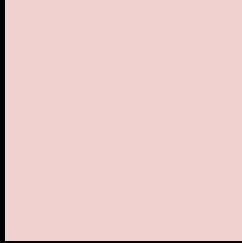
Large Text (above 18pt) WCAG AA × Fail

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, 209, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

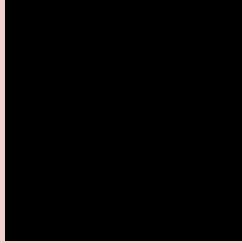
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

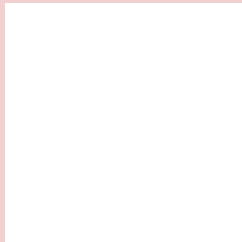
Any Text WCAG AAA ✓ Pass

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

RYB 240, 209, 207 Background



This preview shows how black text looks on a background with the RYB color 240, 209, 207.



This preview shows how white text looks on a background with the RYB color 240, 209, 207.

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, 209, 207
	Protanopia 221, 219, 210
	Deuteranopia 240, 209, 207



Tritanopia
242, 206, 223

Trichromacy



Original Color

240, 209, 207

Protanomaly

228, 214, 209

Deuteranomaly

240, 209, 207

Tritanomaly

241, 207, 217

Monochromacy



Original Color

240, 209, 207

Achromatopsia

218, 218, 218

Achromatomaly

226, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 209, 207 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, 209, 207) looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 207)  
}
```

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, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 207) }
```

Border

The CSS property to change the border of an element to RYB 240, 209, 207 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, 209, 207) }
```

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

```
.border{ border-color:rgb(240, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 240, 209, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 207) }
```

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

```
.background{ background-color: rgb(240,  
209, 207) }
```

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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