

Converting Colors

`RYB(240, 209, 252)`

Have a look what the booklet for
RYB(240, 209, 252) contains.

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Color

`RYB(240, 209, 252)`

Conversions

Conversions Part 1

Format	Color
Hex	F0D1FC
RGB	240, 209, 252
RGB Percent	94%, 82%, 99%
CMY	0.0588, 0.1804, 0.0118
CMYK	0.05, 0.17, 0.00, 0.01
HSL	283°, 88%, 90%
HSV	283°, 17%, 99%
XYZ	76.3063, 71.1545, 101.8079
YIQ	223.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

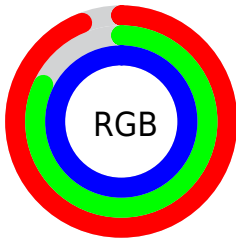
Format	Color
R _Y B	240, 209, 252
Decimal	15782396
CIE Lab	87.56, 18.33, -17.02
CIE LCh	88, 25.010, 317.117
Yxy	71.1545, 0.3061, 0.2855
Android (android.graphics.Color)	4293972476 (0xFFF0D1FC)
YUV	223.1710, 14.2127, 14.7590
Hunter-Lab	84.3531, 13.8542, -12.5114

Details

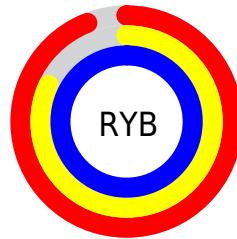
The RYB color **240, 209, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **209, 252, 240**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 154, 195** is the 20% darker color. If you saturate the color by 10%, you get **233, 184, 252**, and if you desaturate by 10%, it is **247, 234, 252**.

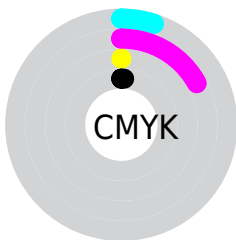
Distribution



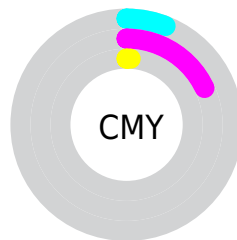
- Red (94%)
- Green (82%)
- Blue (99%)



- Red (94%)
- Yellow (82%)
- Blue (99%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 209, 252 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, 252 by changing the saturation by 10% instead.

 240, 209, 252


255, 255, 255


 240, 209, 252

 212, 181, 223

 184, 154, 195

 157, 128, 168

 130, 103, 142

 105, 79, 116

 80, 56, 91


 57, 34, 68

 35, 13, 45

 6, 0, 25

 240, 209, 252

 240, 209, 252

 233, 184, 252


 247, 234, 252

 226, 159, 252


 252, 255, 253


 219, 133, 252

 252, 255, 252

 212, 108, 252

 205, 83, 252

 198, 58, 252

 191, 33, 252

 184, 7, 252

 182, 0, 252

Harmonies

Analogous

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



210, 216, 255



240, 209, 252



255, 204, 231

Triad

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



240, 209, 252



234, 247, 174



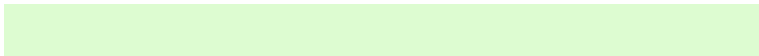
155, 194, 233

Complementary

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



240, 209, 252



209, 252, 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.



171, 209, 232



240, 209, 252



175, 223, 174

Square

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



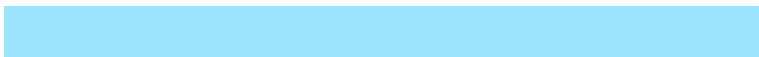
240, 209, 252



255, 216, 186



187, 229, 220



157, 198, 253

Rectangle

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



240, 209, 252



255, 203, 215



187, 229, 220



159, 198, 233

Sweetspot

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



240, 209, 252



251, 242, 255



209, 218, 252



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 209, 252



241, 204, 255



252, 209, 243



121, 112, 125



136, 0, 189



44, 0, 61

Inverse Universe

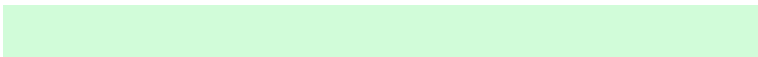
The Inverse Universe completely reimagines the original color for something new.



252, 209, 221



255, 204, 218



209, 245, 252



125, 112, 116



189, 0, 53



61, 0, 17

Previews

White Background



This preview shows how the RYB color 240, 209, 252 looks on a white background.

Color Contrast Check

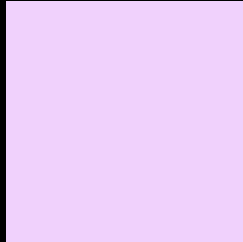
Large Text (above 18pt) WCAG AA × Fail

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, 252 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

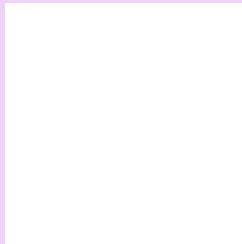
Any Text WCAG AAA ✓ Pass

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

RYB 240, 209, 252 Background



This preview shows how black text looks on a background with the RYB color 240, 209, 252.



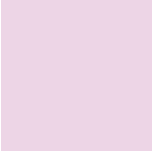
This preview shows how white text looks on a background with the RYB color 240, 209, 252.

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





Tritanopia
237, 213, 230

Trichromacy



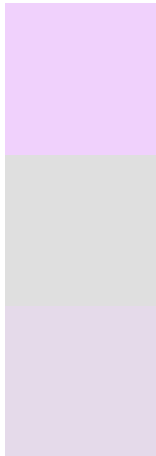
Original Color
240, 209, 252

Protanomaly
222, 215, 254

Deuteranomaly
231, 212, 251

Tritanomaly
238, 212, 238

Monochromacy



Original Color
240, 209, 252

Achromatopsia
223, 223, 223

Achromatomaly
229, 218, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 209, 252 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, 252) looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 252) }
```

Border

The CSS property to change the border of an element to RYB 240, 209, 252 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, 252) }
```

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

```
.border{ border-color:rgb(240, 209, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 240, 209, 252 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, 252) }
```

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

```
.background{ background-color: rgb(240,  
209, 252) }
```

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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