

Converting Colors

`RYB(240, 144, 211)`

Have a look what the booklet for
RYB(240, 144, 211) contains.

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Color

$\text{RYB}(240, 144, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	F090D3
RGB	240, 144, 211
RGB Percent	94%, 56%, 83%
CMY	0.0588, 0.4353, 0.1725
CMYK	0.00, 0.40, 0.12, 0.06
HSL	318°, 76%, 75%
HSV	318°, 40%, 94%
XYZ	57.6663, 43.1749, 66.9223
YIQ	180.3420, 35.7090, 41.1890

Conversions

Conversions Part 2

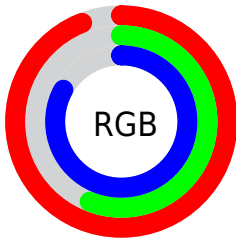
Format	Color
R _Y B	240, 144, 211
Decimal	15765715
CIE Lab	71.67, 45.38, -18.88
CIE LCh	72, 49.153, 337.405
Yxy	43.1749, 0.3437, 0.2574
Android (android.graphics.Color)	4293955795 (0xFFFF090D3)
YUV	180.3420, 15.1144, 52.3201
Hunter-Lab	65.7076, 41.6667, -14.3907

Details

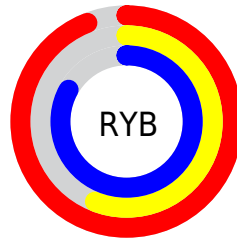
The RYB color **240, 144, 211** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **144, 218, 240**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 199, 255**, and **182, 91, 156** is the 20% darker color. If you saturate the color by 10%, you get **240, 120, 204**, and if you desaturate by 10%, it is **240, 168, 218**.

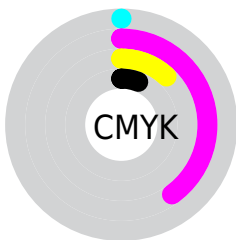
Distribution



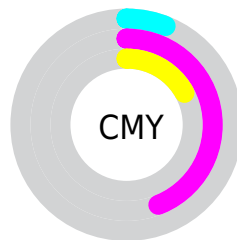
- Red (94%)
- Green (56%)
- Blue (83%)



- Red (94%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 144, 211 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, 144, 211 by changing the saturation by 10% instead.

 240, 144, 211

 240, 144, 211

255, 255, 255

 211, 117, 183

 255, 199, 255

 182, 91, 156

 255, 228, 255

 154, 65, 130

 127, 38, 105


 100, 5, 81


 74, 0, 58


 51, 0, 36


 18, 0, 11


 0, 0, 0


 240, 144, 211


 240, 144, 211

 240, 120, 204


 240, 168, 218

 240, 96, 196


 240, 192, 225

 240, 72, 189

 240, 216, 233

 240, 48, 182

 240, 240, 240

 240, 24, 175

 240, 250, 255

 240, 0, 167

 240, 248, 255

Harmonies

Analogous

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



194, 160, 247



240, 144, 211



255, 138, 166

Triad

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



240, 144, 211



101, 192, 84



0, 106, 229

Complementary

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



240, 144, 211



144, 218, 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.



0, 103, 199



240, 144, 211



102, 189, 147

Square

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



240, 144, 211



231, 227, 93



82, 158, 196



0, 109, 255

Rectangle

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



240, 144, 211



255, 142, 137



82, 158, 196



0, 103, 215

Sweetspot

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



240, 144, 211



255, 224, 246



173, 144, 240



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



240, 144, 211



255, 133, 218



240, 144, 163



120, 108, 116



184, 0, 128



56, 0, 39

Inverse Universe

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



240, 144, 211



255, 133, 218



144, 197, 240



120, 108, 116



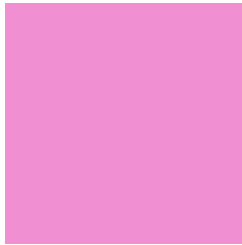
184, 0, 128



56, 0, 39

Previews

White Background



This preview shows how the RYB color 240, 144, 211 looks on a white background.

Color Contrast Check

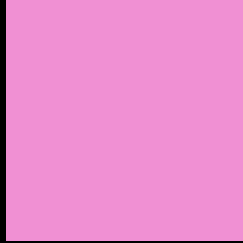
Large Text (above 18pt) WCAG AA × Fail

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, 144, 211 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](#).

RVB 240, 144, 211 Background



This preview shows how black text looks on a background with the RYB color 240, 144, 211.




This preview shows how white text looks on a background with the RYB color 240, 144, 211.

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
235, 153, 165

Trichromacy



Original Color

240, 144, 211



Protanomaly

189, 163, 224



Deuteranomaly

201, 162, 208



Tritanomaly

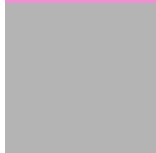
237, 150, 182

Monochromacy



Original Color

240, 144, 211



Achromatopsia

180, 180, 180



Achromatomaly

202, 167, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 144, 211 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, 144, 211) looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 211)  
}
```

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, 144, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 211) }
```

Border

The CSS property to change the border of an element to RYB 240, 144, 211 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, 144, 211) }
```

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

```
.border{ border-color:rgb(240, 144, 211) }
```

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

Here you see how a box with a 4 pixel rgb(240, 144, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 240, 144, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 211) }
```

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

```
.background{ background-color: rgb(240,  
144, 211) }
```

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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