

Converting Colors

`RYB(240, 121, 177)`

Have a look what the booklet for RYB(240, 121, 177) contains.

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Color

`RYB(240, 121, 177)`

Conversions

Conversions Part 1

Format	Color
Hex	F079B1
RGB	240, 121, 177
RGB Percent	94%, 47%, 69%
CMY	0.0588, 0.5255, 0.3059
CMYK	0.00, 0.50, 0.26, 0.06
HSL	332°, 80%, 71%
HSV	332°, 50%, 94%
XYZ	50.7084, 35.3743, 45.7503
YIQ	162.9650, 52.9480, 42.6440

Conversions

Conversions Part 2

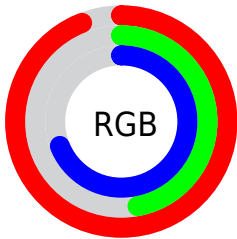
Format	Color
R _Y B	240, 121, 177
Decimal	15759793
CIE Lab	66.04, 51.91, -8.35
CIE LCh	66, 52.575, 350.859
Yxy	35.3743, 0.3846, 0.2683
Android (android.graphics.Color)	4293949873 (0xFFFF079B1)
YUV	162.9650, 6.9193, 67.5597
Hunter-Lab	59.4763, 48.1021, -3.9735

Details

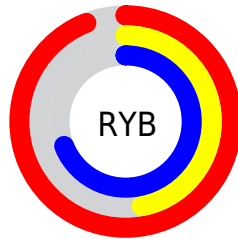
The RYB color **240, 121, 177** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 199, 240**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 176, 233**, and **181, 67, 124** is the 20% darker color. If you saturate the color by 10%, you get **240, 97, 164**, and if you desaturate by 10%, it is **240, 145, 190**.

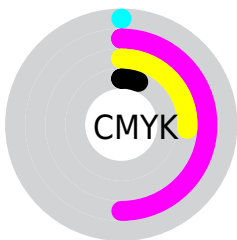
Distribution



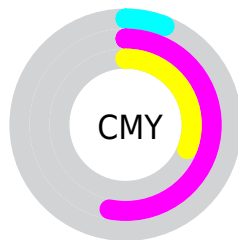
- Red (94%)
- Green (47%)
- Blue (69%)



- Red (94%)
- Yellow (47%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RYB color 240, 121, 177 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, 121, 177 by changing the saturation by 10% instead.

 240, 121, 177

255, 255, 255


 255, 176, 233


 255, 205, 255

 255, 234, 255

 240, 121, 177

 210, 94, 150

 181, 67, 124

 153, 38, 100

 124, 0, 76

 97, 0, 53


 70, 0, 32

 46, 0, 5


 0, 0, 0


 240, 121, 177


 240, 121, 177


 240, 97, 164


 240, 145, 190

 240, 73, 152

 240, 169, 202

 240, 49, 139

 240, 193, 215

 240, 25, 126

 240, 217, 228

 240, 1, 113

 240, 241, 241

 240, 0, 113

 240, 248, 255

 240, 248, 255

Harmonies

Analogous

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



204, 135, 221



240, 121, 177



248, 121, 130

Triad

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



240, 121, 177



67, 168, 80



0, 102, 233

Complementary

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



240, 121, 177



121, 199, 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, 94, 193



240, 121, 177



98, 178, 177

Square

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



240, 121, 177



136, 200, 64



0, 102, 183



0, 102, 253

Rectangle

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



240, 121, 177



240, 138, 101



0, 102, 183



0, 100, 221

Sweetspot

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



240, 121, 177



255, 217, 235



182, 121, 240



128, 105, 115



0, 0, 0



128, 128, 128

Same Dimension

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



240, 121, 177



255, 102, 174



240, 123, 121



120, 108, 114



184, 0, 86



56, 0, 26

Inverse Universe

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



240, 121, 177



255, 102, 174



121, 180, 240



120, 108, 114



184, 0, 86



56, 0, 26

Previews

White Background



This preview shows how the RYB color 240, 121, 177 looks on a white background.

Color Contrast Check

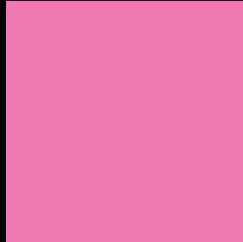
Large Text (above 18pt) WCAG AA × Fail

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, 121, 177 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, 121, 177 Background



This preview shows how black text looks on a background with the RYB color 240, 121, 177.

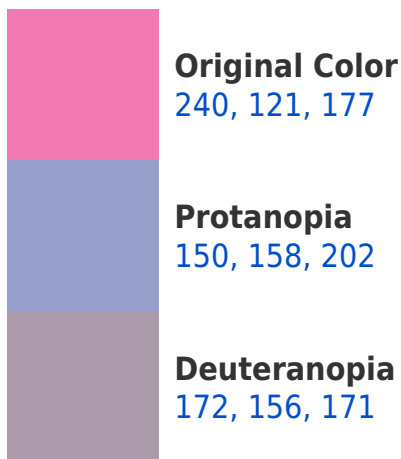



This preview shows how white text looks on a background with the RYB color 240, 121, 177.

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

236, 129, 138

Trichromacy



Original Color

240, 121, 177



Protanomaly

183, 145, 193



Deuteranomaly

197, 143, 173



Tritanomaly

237, 126, 152

Monochromacy



Original Color

240, 121, 177



Achromatopsia

163, 163, 163



Achromatomaly

191, 148, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 121, 177 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, 121, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 121, 177)  
}
```

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, 121, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 121, 177) }
```

Border

The CSS property to change the border of an element to RYB 240, 121, 177 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, 121, 177) }
```

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

```
.border{ border-color:rgb(240, 121, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 121, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 121, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 121, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 121,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 240, 121, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 121, 177) }
```

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

```
.background{ background-color: rgb(240,  
121, 177) }
```

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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