

Converting Colors

YIQ(118.2600, 69.6760, 80.9080)

Have a look what the booklet for
YIQ(118.2600, 69.6760, 80.9080)
contains.

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Color

**YIQ(118.2600, 69.6760,
80.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	EB2FB3
RGB	235, 47, 179
RGB Percent	92%, 18%, 70%
CMY	0.0779, 0.8159, 0.2979
CMYK	0.00, 0.80, 0.24, 0.08
HSL	318°, 83%, 55%
HSV	318°, 80%, 92%
XYZ	43.4601, 22.9684, 44.8141
YIQ	118.2600, 69.6760, 80.9080

Conversions

Conversions Part 2

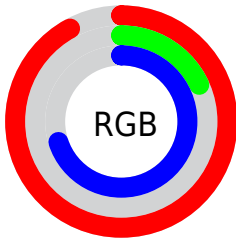
Format	Color
R _Y B	235, 47, 179
Decimal	15413171
CIE Lab	55.04, 79.00, -26.29
CIE LCh	55, 83.254, 341.594
Yxy	22.9684, 0.3907, 0.2065
Android (android.graphics.Color)	4293603251 (0xFFEB2FB3)
YUV	118.2600, 29.9448, 102.3810
Hunter-Lab	47.9253, 77.9997, -21.8933

Details

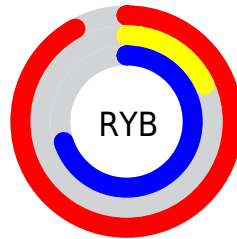
The YIQ color **118.2600, 69.6760, 80.9080** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **163.7400, -69.6760, -80.9080**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9530, 45.1950, 67.5230**, and **66.3900, 63.2580, 76.0740** is the 20% darker color. If you saturate the color by 10%, you get **103.3740, 78.5230, 91.2830**, and if you desaturate by 10%, it is **132.5590, 61.1040, 71.0560**.

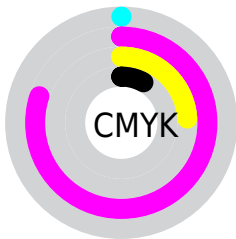
Distribution



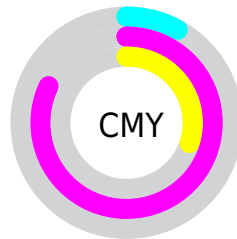
- Red (92%)
- Green (18%)
- Blue (70%)



- Red (92%)
- Yellow (18%)
- Blue (70%)



- Cyan (0%)
- Magenta (80%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (82%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.2600, 69.6760, 80.9080 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 YIQ color 118.2600, 69.6760, 80.9080 by changing the saturation by 10% instead.


 118.2600, 69.6760,
80.9080


 118.2600, 69.6760,
80.9080


255.0000, -0.0000,
-0.0000


 78.6230, 73.3880,
90.7320


 169.9530, 45.1950,
67.5230

 66.6890, 63.8540,
76.2860


 190.4300, 30.2500,
57.5300


 54.8690, 53.9990,
62.1510


 208.0400, 22.0000,
41.8400

 43.4620, 44.4190,
48.5390

 225.6500, 13.7500,
26.1500

 32.0550, 34.8390,
34.9270

 243.2600, 5.5000,
10.4600

 21.2890, 24.8920,
22.4600

 8.6000, 16.0460,

6.5580

■ 0.0000, 0.0000,
0.0000

■ 118.2600, 69.6760,
80.9080

■ 118.2600, 69.6760,
80.9080

■ 103.3740, 78.5230,
91.2830

■ 132.5590, 61.1040,
71.0560

■ 89.0750, 87.0950,
101.1350

■ 147.4450, 52.2570,
60.6810

■ 161.7440, 43.6850,
50.8290

■ 176.6300, 34.8380,
40.4540

■ 191.5160, 25.9910,
30.0790

■ 205.8150, 17.4190,
20.2270

■ 220.7010, 8.5720,
9.8520

■ 235.0000, 0.0000,
-0.0000

■ 247.5380, -7.7470,
-8.2830

Harmonies

Analogous

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



134.0470, -5.1000, 59.4120



118.2600, 69.6760, 80.9080



101.3570, 111.5830, 75.8310

Triad

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



118.2600, 69.6760, 80.9080



121.0720, 41.9140, -43.7660



120.3850, -117.1420, -13.6060

Complementary

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



118.2600, 69.6760, 80.9080



163.7400, -69.6760, -80.9080

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.



113.2200, -95.5890, -35.2770



118.2600, 69.6760, 80.9080



101.1840, -17.9600, -71.0160

Square

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



118.2600, 69.6760, 80.9080



124.0490, 85.4200, -17.2360



103.3820, -70.6430, -57.8670



118.2940, -123.6550, -0.1910

Rectangle

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



118.2600, 69.6760, 80.9080



113.3910, 113.1020, 42.7820



103.3820, -70.6430, -57.8670



118.5780, -110.6760, -20.6600

Sweetspot

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



118.2600, 69.6760, 80.9080



217.1410, 22.5530, 26.3050



84.2790, -28.7600, 69.7040



104.9130, 14.0270, 15.6190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



118.2600, 69.6760, 80.9080



102.8630, 90.8080, 105.4320



107.8860, 98.8870, 52.6070



110.2010, 3.9880, 4.8200



68.5970, 67.1090, 77.8690



20.4780, 19.9860, 23.2660

Inverse Universe

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



118.2600, 69.6760, 80.9080



102.8630, 90.8080, 105.4320



174.1140, -98.8870, -52.6070



110.2010, 3.9880, 4.8200



68.5970, 67.1090, 77.8690



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 118.2600, 69.6760, 80.9080 looks on a white background.

Color Contrast Check

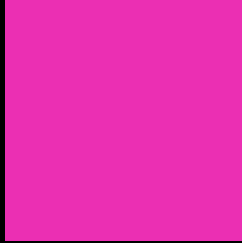
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 118.2600, 69.6760, 80.9080 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 × Fail

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

YIQ 118.2600, 69.6760, 80.9080

Background



This preview shows how black text looks on a background with the YIQ color 118.2600, 69.6760, 80.9080.



This preview shows how white text looks on a background with the YIQ color 118.2600, 69.6760,

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

118.2600, 69.6760, 80.9080

Protanopia

126.0350, -67.8610, 23.9070

Deuteranopia

133.2500, -14.9030, 11.2810



Tritanopia

125.4090, 86.3280, 32.4080

Trichromacy



Original Color

118.2600, 69.6760, 80.9080



Protanomaly

123.1450, -17.6600, 44.7400



Deuteranomaly

128.0560, 15.9030, 36.6950



Tritanomaly

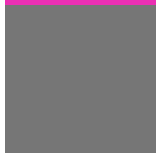
123.1380, 80.5020, 49.8940

Monochromacy



Original Color

118.2600, 69.6760, 80.9080



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.1030, 25.7160, 29.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2600, 69.6760, 80.9080 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(235, 47, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 47, 179)  
}
```

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(235, 47, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 47, 179) }
```

Border

The CSS property to change the border of an element to YIQ 118.2600, 69.6760, 80.9080 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(235, 47, 179) }
```


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

```
.border{ border-color:rgb(235, 47, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 47, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 47, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 47, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 47,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2600, 69.6760, 80.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 47, 179) }
```

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

```
.background{ background-color: rgb(235, 47,  
179) }
```

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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