

Converting Colors

YIQ(118.1070, 82.9280, 72.0160)

Have a look what the booklet for
YIQ(118.1070, 82.9280, 72.0160)
contains.

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Color

**YIQ(118.1070, 82.9280,
72.0160)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F23195 |
| RGB | 242, 49, 149 |
| RGB Percent | 95%, 19%, 58% |
| CMY | 0.0505, 0.8081, 0.4154 |
| CMYK | 0.00, 0.80, 0.38, 0.05 |
| HSL | 329°, 88%, 57% |
| HSV | 329°, 80%, 95% |
| XYZ | 43.1885, 23.2626, 30.6745 |
| YIQ | 118.1070, 82.9280, 72.0160 |

Conversions

Conversions Part 2

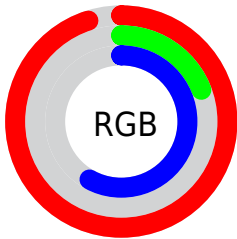
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 49, 149 |
| Decimal | 15872405 |
| CIE Lab | 55.34, 76.89, -8.11 |
| CIE LCh | 55, 77.315, 353.981 |
| Yxy | 23.2626, 0.4447, 0.2395 |
| Android (android.graphics.Color) | 4294062485 (0xFFFF23195) |
| YUV | 118.1070, 15.2302, 108.6542 |
| Hunter-Lab | 48.2313, 75.4320, -3.9457 |

Details

The YIQ color **118.1070, 82.9280, 72.0160** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **172.8930, -82.9280, -72.0160**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **167.4790, 54.9170, 56.5250**, and **64.9920, 75.8220, 68.6380** is the 20% darker color. If you saturate the color by 10%, you get **102.6510, 93.3800, 80.8360**, and if you desaturate by 10%, it is **133.5630, 72.4760, 63.1960**.

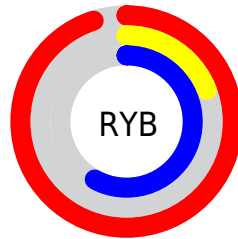
Distribution



Red (95%)

Green (19%)

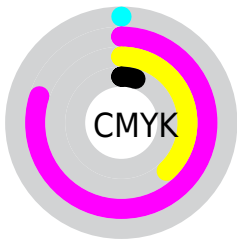
Blue (58%)



Red (95%)

Yellow (19%)

Blue (58%)

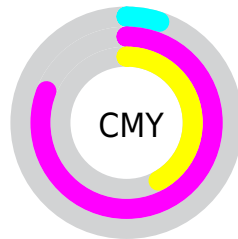


Cyan (0%)

Magenta (80%)

Yellow (38%)

Black (5%)



Cyan (5%)


Magenta (81%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.1070, 82.9280, 72.0160 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 118.1070, 82.9280, 72.0160 by changing the saturation by 10% instead.


 118.1070, 82.9280,
72.0160


 118.1070, 82.9280,
72.0160

255.0000, -0.0000,
-0.0000


 77.1110, 86.2730,
82.9850


 167.4790, 54.9170,
56.5250


 64.9920, 75.8220,
68.6380


 188.2810, 37.6790,
49.5430

 53.4000, 65.3250,
55.1250


 208.6270, 21.7250,
41.3170

 41.8080, 54.8280,
41.6120

 226.2370, 13.4750,
25.6270

 30.7430, 44.2850,
28.9330

 243.8470, 5.2250,
9.9370

 19.1790, 36.5850,
14.2890

 8.1870, 15.7710,

6.0350

■ 0.0000, 0.0000,
0.0000

■ 118.1070, 82.9280,
72.0160

■ 118.1070, 82.9280,
72.0160

■ 102.6510, 93.3800,
80.8360

■ 133.5630, 72.4760,
63.1960

■ 87.3090, 103.5110,
89.9670

■ 148.9050, 62.3450,
54.0650

■ 86.6080, 104.1070,
90.1790

■ 164.9480, 51.6180,
44.7220

■ 180.4040, 41.1660,
35.9020

■ 195.7460, 31.0350,
26.7710

211.2020, 20.5830,
17.9510

226.6580, 10.1310,
9.1310

242.5870, -0.2750,
-0.5230

250.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



133.2650, 26.5810, 63.4530



118.1070, 82.9280, 72.0160



117.0620, 104.0230, 47.6310

Triad

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



118.1070, 82.9280, 72.0160



117.4070, 24.4930, -52.9390



120.2200, -120.8110, -7.6830

Complementary

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



118.1070, 82.9280, 72.0160



172.8930, -82.9280, -72.0160

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.



116.1840, -103.9350, -27.1910



118.1070, 82.9280, 72.0160



96.7020, -57.3450, -67.5930

Square

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



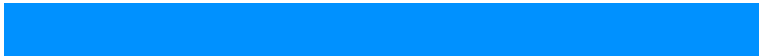
118.1070, 82.9280, 72.0160



124.8030, 68.1370, -28.9110



107.7310, -81.5110, -48.1270



114.1850, -121.7300, 3.4700

Rectangle

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



118.1070, 82.9280, 72.0160



122.2360, 102.3320, 17.6920



107.7310, -81.5110, -48.1270



119.5700, -116.2250, -13.7050

Sweetspot

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



118.1070, 82.9280, 72.0160



215.8870, 26.0840, 22.8840



97.9120, -8.3130, 79.1030



104.2290, 15.9530, 13.7530



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.



118.1070, 82.9280, 72.0160



97.7330, 105.2530, 91.4370



107.3910, 113.1020, 42.7820



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Inverse Universe

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



118.1070, 82.9280, 72.0160



97.7330, 105.2530, 91.4370



183.6090, -113.1020, -42.7820



112.2720, 5.2260, 4.4100



65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 118.1070, 82.9280, 72.0160 looks on a white background.

Color Contrast Check

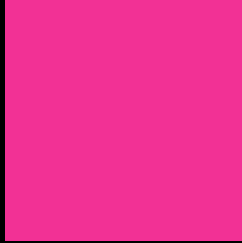
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1070, 82.9280, 72.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

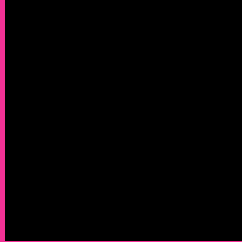
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.1070, 82.9280, 72.0160

Background



This preview shows how black text looks on a background with the YIQ color 118.1070, 82.9280, 72.0160.



This preview shows how white text looks on a background with the YIQ color 118.1070, 82.9280,

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

118.1070, 82.9280, 72.0160

Protanopia

132.2170, -36.4990, 17.2050

Deuteranopia

134.3260, 5.1340, 6.0780



Tritanopia

121.7910, 97.0560, 36.2240

Trichromacy



Original Color

118.1070, 82.9280, 72.0160



Protanomaly

127.0920, 7.0540, 37.3740



Deuteranomaly

128.5230, 33.2810, 30.1210



Tritanomaly

120.7710, 91.7810, 49.2290

Monochromacy



Original Color

118.1070, 82.9280, 72.0160



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

118.0340, 30.1640, 26.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1070, 82.9280, 72.0160 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(242, 49, 149)` looks like.

```
.text, #text, p{  
    color:rgb(242, 49, 149)  
}
```

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(242, 49, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 49, 149) }
```

Border

The CSS property to change the border of an element to YIQ 118.1070, 82.9280, 72.0160 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(242, 49, 149) }
```


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

```
.border{ border-color:rgb(242, 49, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 49, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 49, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 49, 149);  
box-shadow:4px 4px 4px 4px rgb(242, 49,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1070, 82.9280, 72.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 49, 149) }
```

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

```
.background{ background-color: rgb(242, 49,  
149) }
```

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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