

Converting Colors

YIQ(118.8990, 80.8180, 77.2180)

Have a look what the booklet for
YIQ(118.8990, 80.8180, 77.2180)
contains.

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Color

**YIQ(118.8990, 80.8180,
77.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	F42FA1
RGB	244, 47, 161
RGB Percent	96%, 18%, 63%
CMY	0.0426, 0.8159, 0.3684
CMYK	0.00, 0.81, 0.34, 0.04
HSL	325°, 90%, 57%
HSV	325°, 81%, 96%
XYZ	44.8075, 23.8595, 35.9893
YIQ	118.8990, 80.8180, 77.2180

Conversions

Conversions Part 2

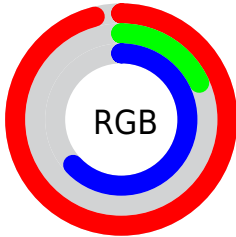
Format	Color
R_{YB}	244, 47, 161
Decimal	16002977
CIE _{Lab}	55.95, 79.03, -14.24
CIE _{LCh}	56, 80.298, 349.788
Yxy	23.8595, 0.4281, 0.2280
Android (android.graphics.Color)	4294193057 (0xFFFF42FA1)
YUV	118.8990, 20.7558, 109.7136
Hunter-Lab	48.8462, 78.2606, -9.4920

Details

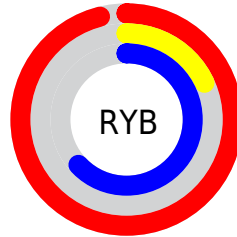
The YIQ color **118.8990, 80.8180, 77.2180** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **172.1010, -80.8180, -77.2180**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3740, 51.0190, 61.0910**, and **66.8440, 73.4830, 72.4830** is the 20% darker color. If you saturate the color by 10%, you get **103.6710, 90.6280, 86.6600**, and if you desaturate by 10%, it is **134.1270, 71.0080, 67.7760**.

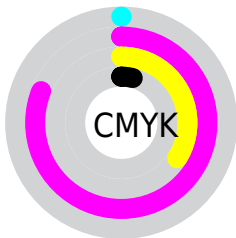
Distribution



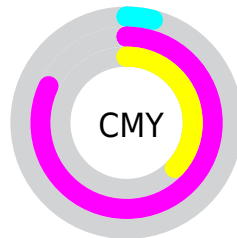
- Red (96%)
- Green (18%)
- Blue (63%)



- Red (96%)
- Yellow (18%)
- Blue (63%)



- Cyan (0%)
- Magenta (81%)
- Yellow (34%)
- Black (4%)




- Cyan (4%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.8990, 80.8180, 77.2180 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 118.8990, 80.8180, 77.2180 by changing the saturation by 10% instead.


 118.8990, 80.8180,
77.2180


 118.8990, 80.8180,
77.2180


255.0000, -0.0000,
-0.0000


 79.0770, 83.6130,
87.1410


 168.3740, 51.0190,
61.0910


 67.1430, 74.0790,
72.6950


 189.7630, 33.5060,
53.5860

 55.1380, 63.3070,
58.6590


 208.6270, 21.7250,
41.3170

 43.5460, 52.8100,
45.1460

 226.2370, 13.4750,
25.6270

 32.3670, 42.5880,
32.1560

 243.8470, 5.2250,
9.9370

 21.6010, 32.6410,
19.6890

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 118.8990, 80.8180,
77.2180

■ 118.8990, 80.8180,
77.2180

■ 103.6710, 90.6280,
86.6600

■ 134.1270, 71.0080,
67.7760


■ 89.0300, 100.1630,
95.5790

■ 150.0560, 60.6020,
58.1220


■ 165.2840, 50.7920,
48.6800

■ 181.0990, 40.7070,
38.7150

■ 196.3270, 30.8970,
29.2730

 211.6690, 20.7660,
20.1420

 227.4840, 10.6810,
10.1770

 242.7120, 0.8710,
0.7350

 251.5970, -6.2350,
-2.6430

Harmonies

Analogous

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



135.3010, 17.7320, 64.1320



118.8990, 80.8180, 77.2180



114.3110, 108.0560, 57.1440

Triad

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



118.8990, 80.8180, 77.2180



120.6960, 31.0490, -50.6070



121.8670, -121.3150, -9.5630

Complementary

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



118.8990, 80.8180, 77.2180



172.1010, -80.8180, -77.2180

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.



116.7880, -102.8800, -29.7920



118.8990, 80.8180, 77.2180



95.4650, -52.4840, -73.0920

Square

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



118.8990, 80.8180, 77.2180



126.6190, 74.6470, -25.7450



107.8790, -79.1720, -51.9720



117.1200, -123.1050, 0.8550

Rectangle

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



118.8990, 80.8180, 77.2180



121.1430, 107.3280, 26.2720



107.8790, -79.1720, -51.9720



121.1030, -116.4080, -15.8960

Sweetspot

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



118.8990, 80.8180, 77.2180



216.2290, 25.1210, 23.8170



93.9760, -14.3650, 78.6510



104.4570, 15.3110, 14.3750



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.



118.8990, 80.8180, 77.2180



98.1550, 101.3090, 96.8370



107.7270, 112.2760, 46.7400



114.3860, 4.9050, 4.7210



67.9260, 76.1880, 73.0200



21.5170, 24.2500, 23.0820

Inverse Universe

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



118.8990, 80.8180, 77.2180



98.1550, 101.3090, 96.8370



183.2730, -112.2760, -46.7400



114.3860, 4.9050, 4.7210



67.9260, 76.1880, 73.0200



21.5170, 24.2500, 23.0820

Previews

White Background



This preview shows how the YIQ color 118.8990, 80.8180, 77.2180 looks on a white background.

Color Contrast Check

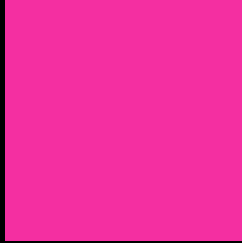
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8990, 80.8180, 77.2180 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 118.8990, 80.8180, 77.2180

Background



This preview shows how black text looks on a background with the YIQ color 118.8990, 80.8180, 77.2180.



This preview shows how white text looks on a background with the YIQ color 118.8990, 80.8180,

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

118.8990, 80.8180, 77.2180

Protanopia

132.3500, -46.9990, 20.2730

Deuteranopia

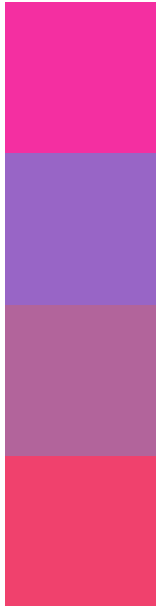
135.9710, -1.0560, 8.1280



Tritanopia

124.1930, 95.8640, 35.8000

Trichromacy



Original Color

118.8990, 80.8180, 77.2180

Protanomaly

127.3070, -0.7410, 40.9790

Deuteranomaly

129.5920, 28.8330, 33.6410

Tritanomaly

122.3410, 90.1760, 50.7840

Monochromacy



Original Color

118.8990, 80.8180, 77.2180

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2020, 29.7510, 28.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.8990, 80.8180, 77.2180 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(244, 47, 161)` looks like.

```
.text, #text, p{  
    color:rgb(244, 47, 161)  
}
```

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(244, 47, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 47, 161) }
```

Border

The CSS property to change the border of an element to YIQ 118.8990, 80.8180, 77.2180 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(244, 47, 161) }
```


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

```
.border{ border-color:rgb(244, 47, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 47, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 47, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 47, 161);  
box-shadow:4px 4px 4px 4px rgb(244, 47,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 118.8990, 80.8180, 77.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 47, 161) }
```

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

```
.background{ background-color: rgb(244, 47,  
161) }
```

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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