

Converting Colors

YIQ(119.5240, 61.3260,
111.1020)

Have a look what the booklet for
YIQ(119.5240, 61.3260, 111.1020)
contains.

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Color

**YIQ(119.5240, 61.3260,
111.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	F71FF1
RGB	247, 31, 241
RGB Percent	97%, 12%, 95%
CMY	0.0307, 0.8787, 0.0548
CMYK	0.00, 0.87, 0.02, 0.03
HSL	302°, 93%, 55%
HSV	302°, 87%, 97%
XYZ	54.7837, 27.1314, 85.5847
YIQ	119.5240, 61.3260, 111.1020

Conversions

Conversions Part 2

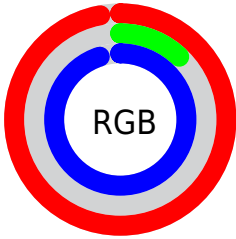
Format	Color
R _Y B	247, 31, 241
Decimal	16195569
CIE Lab	59.10, 92.42, -55.10
CIE LCh	59, 107.600, 329.197
Yxy	27.1314, 0.3271, 0.1620
Android (android.graphics.Color)	4294385649 (0xFFFF71FF1)
YUV	119.5240, 59.8877, 111.7965
Hunter-Lab	52.0878, 96.5846, -60.9569

Details

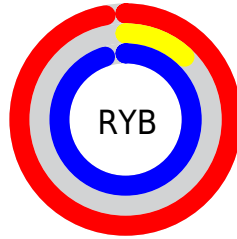
The YIQ color **119.5240, 61.3260, 111.1020** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **158.4760, -61.3260, -111.1020**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4720, 39.6000, 75.3120**, and **76.5900, 51.7920, 96.6560** is the 20% darker color. If you saturate the color by 10%, you get **104.7350, 68.5220, 123.8660**, and if you desaturate by 10%, it is **134.3130, 54.1300, 98.3380**.

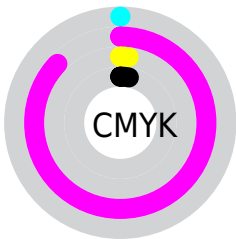
Distribution



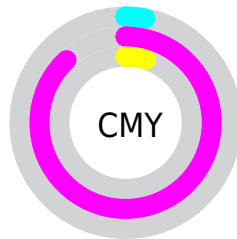
- Red (97%)
- Green (12%)
- Blue (95%)



- Red (97%)
- Yellow (12%)
- Blue (95%)



- Cyan (0%)
- Magenta (87%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (88%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.5240, 61.3260, 111.1020 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 119.5240, 61.3260, 111.1020 by changing the saturation by 10% instead.


 119.5240, 61.3260,
111.1020


 119.5240, 61.3260,
111.1020


255.0000, -0.0000,
-0.0000


 88.7520, 60.6840,
111.7240


 170.4720, 39.6000,
75.3120


 76.5900, 51.7920,
96.6560


 189.2560, 30.8000,
58.5760

 64.5420, 42.5790,
81.8990


 207.4530, 22.2750,
42.3630

 52.4940, 33.3660,
67.1420

 225.6500, 13.7500,
26.1500

 40.8590, 24.4280,
52.9080

 243.8470, 5.2250,
9.9370

 29.6370, 15.7650,
39.1970

 17.6320, 4.9930,

25.1610

■ 3.6480, -10.2720,
9.9520

■ 0.4560, -1.2840,
1.2440

■ 119.5240, 61.3260,
111.1020

■ 119.5240, 61.3260,
111.1020

■ 104.7350, 68.5220,
123.8660

■ 134.3130, 54.1300,
98.3380

■ 101.2130, 70.1720,
127.0040

■ 148.4010, 47.5300,
85.7860

■ 163.1900, 40.3340,
73.0220

■ 177.9790, 33.1380,
60.2580

192.7680, 25.9420,
47.4940

206.8560, 19.3420,
34.9420

221.6450, 12.1460,
22.1780

236.4340, 4.9500,
9.4140

250.5220, -1.6500,
-3.1380

Harmonies

Analogous

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



129.4320, -52.3210, 39.6390



119.5240, 61.3260, 111.1020



93.2310, 104.1510, 100.3990

Triad

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



119.5240, 61.3260, 111.1020



133.3310, 66.3500, -35.0740



132.2220, -124.2930, -21.6770

Complementary

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



119.5240, 61.3260, 111.1020



158.4760, -61.3260, -111.1020

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.



120.1040, -92.9270, -50.4870



119.5240, 61.3260, 111.1020



117.8180, 0.7460, -68.6140

Square

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



119.5240, 61.3260, 111.1020



128.1450, 121.0410, 3.5130



104.2870, -55.2790, -83.0150



131.7950, -129.9800, -12.2200

Rectangle

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



119.5240, 61.3260, 111.1020



86.2770, 123.7320, 81.4280



104.2870, -55.2790, -83.0150



128.1010, -114.0670, -30.7950

Sweetspot

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



119.5240, 61.3260, 111.1020



216.0300, 18.7920, 33.8960



56.8200, -66.9520, 68.0240



104.2920, 11.6420, 20.2980



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.



119.5240, 61.3260, 111.1020



104.5170, 72.3720, 131.1880



107.4400, 95.3520, 78.1360



114.9560, 3.3000, 6.2760



76.2480, 52.7550, 95.7230



24.1390, 16.8670, 30.2350

Inverse Universe

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



119.5240, 61.3260, 111.1020



104.5170, 72.3720, 131.1880



170.5600, -95.3520, -78.1360



114.9560, 3.3000, 6.2760



76.2480, 52.7550, 95.7230



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 119.5240, 61.3260, 111.1020 looks on a white background.

Color Contrast Check

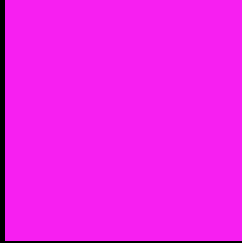
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5240, 61.3260, 111.1020 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 119.5240, 61.3260, 111.1020

Background



This preview shows how black text looks on a background with the YIQ color 119.5240, 61.3260, 111.1020.



This preview shows how white text looks on a background with the YIQ color 119.5240, 61.3260,

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

119.5240, 61.3260, 111.1020

Protanopia

136.0780, -69.4200, 24.6280

Deuteranopia

137.9250, -56.1680, 15.7360



Tritanopia

139.0490, 78.5340, 30.4860

Trichromacy



Original Color

119.5240, 61.3260, 111.1020



Protanomaly

130.2560, -21.9260, 55.9780



Deuteranomaly

131.1720, -13.1220, 50.6060



Tritanomaly

132.1560, 72.0640, 59.6480

Monochromacy



Original Color

119.5240, 61.3260, 111.1020



Achromatopsia

120.0000, -0.0000, -0.0000



Achromatomaly

119.9860, 22.0920, 40.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5240, 61.3260, 111.1020 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(247, 31, 241)` looks like.

```
.text, #text, p{  
    color:rgb(247, 31, 241)  
}
```

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(247, 31, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 31, 241) }
```

Border

The CSS property to change the border of an element to YIQ 119.5240, 61.3260, 111.1020 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(247, 31, 241) }
```


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

```
.border{ border-color:rgb(247, 31, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 31, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 31, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 31, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 31,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5240, 61.3260, 111.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 31, 241) }
```

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

```
.background{ background-color: rgb(247, 31,  
241) }
```

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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