

Converting Colors

YIQ(113.7150, 71.2740,
118.0420)

Have a look what the booklet for
YIQ(113.7150, 71.2740, 118.0420)
contains.

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Color

**YIQ(113.7150, 71.2740,
118.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	FF12EC
RGB	255, 18, 236
RGB Percent	100%, 7%, 93%
CMY	0.0000, 0.9297, 0.0744
CMYK	0.00, 0.93, 0.07, 0.00
HSL	305°, 100%, 54%
HSV	305°, 93%, 100%
XYZ	56.5993, 27.7472, 81.7517
YIQ	113.7150, 71.2740, 118.0420

Conversions

Conversions Part 2

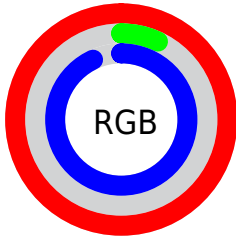
Format	Color
R _{YB}	255, 18, 236
Decimal	16716524
CIE _{Lab}	59.66, 94.54, -51.33
CIE _{LCh}	60, 107.574, 331.499
Y _{xy}	27.7472, 0.3408, 0.1671
Android (android.graphics.Color)	4294906604 (0xFFFF12EC)
YUV	113.7150, 60.2865, 123.9069
Hunter-Lab	52.6756, 99.6134, -55.1441

Details

The YIQ color **113.7150, 71.2740, 118.0420** 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 **159.2850, -71.2740, -118.0420**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 40.4250, 76.8810**, and **78.1130, 57.5690, 96.5850** is the 20% darker color. If you saturate the color by 10%, you get **103.0350, 76.5450, 127.1450**, and if you desaturate by 10%, it is **128.6180, 63.7570, 105.5890**.

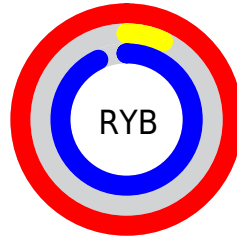
Distribution



Red (100%)

Green (7%)

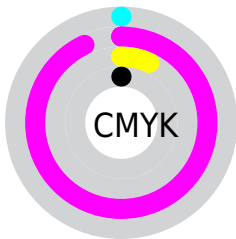
Blue (93%)



Red (100%)

Yellow (7%)

Blue (93%)

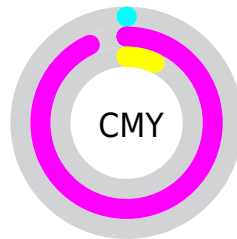


Cyan (0%)

Magenta (93%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7150, 71.2740, 118.0420 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 113.7150, 71.2740, 118.0420 by changing the saturation by 10% instead.


 113.7150, 71.2740,
118.0420

 113.7150, 71.2740,
118.0420


255.0000, -0.0000,
-0.0000


 90.5740, 67.0570,
111.8650


 168.7110, 40.4250,
76.8810


 78.1130, 57.5690,
96.5850


 187.4950, 31.6250,
60.1450

 66.0650, 48.3560,
81.8280


 206.2790, 22.8250,
43.4090

 54.1310, 38.8220,
67.3820

 224.4760, 14.3000,
27.1960

 42.1970, 29.2880,
52.9360

 242.6730, 5.7750,
10.9830

 31.2740, 21.2210,
39.4370

 19.2690, 10.4490,

25.4010

■ 3.3060, -9.3090,
9.0190

■ 0.0000, 0.0000,
0.0000

■ 113.7150, 71.2740,
118.0420

■ 113.7150, 71.2740,
118.0420

■ 103.0350, 76.5450,
127.1450

■ 128.6180, 63.7570,
105.5890

■ 144.1080, 55.9650,
92.6130

■ 159.0110, 48.4480,
80.1600

■ 174.5010, 40.6560,
67.1840

■ 189.4040, 33.1390,
54.7310

■ 204.8940, 25.3470,
41.7550

■ 219.7970, 17.8300,
29.3020

■ 235.2870, 10.0380,
16.3260

■ 250.1900, 2.5210,
3.8730

Harmonies

Analogous

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



133.9500, -38.9800, 45.6600



113.7150, 71.2740, 118.0420



92.6610, 105.7560, 98.8440

Triad

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



113.7150, 71.2740, 118.0420



134.4830, 62.8660, -38.0140



133.8350, -127.4570, -19.4010

Complementary

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



113.7150, 71.2740, 118.0420



159.2850, -71.2740, -118.0420

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.



122.3040, -96.3660, -48.7340



113.7150, 71.2740, 118.0420



116.5890, -6.0390, -72.3030

Square

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



113.7150, 71.2740, 118.0420



130.7700, 117.6030, -0.2610



107.7580, -60.9190, -79.9190



132.3820, -130.2550, -12.7430

Rectangle

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



113.7150, 71.2740, 118.0420



85.5930, 125.6580, 79.5620



107.7580, -60.9190, -79.9190



130.3010, -117.5060, -29.0420

Sweetspot

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



113.7150, 71.2740, 118.0420



212.6390, 21.4510, 35.2670



49.8020, -66.5410, 77.0990



101.7160, 13.3840, 21.7680



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.



113.7150, 71.2740, 118.0420



103.0350, 76.5450, 127.1450



100.6050, 108.1890, 82.2770



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Inverse Universe

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



113.7150, 71.2740, 118.0420



103.0350, 76.5450, 127.1450



172.3950, -108.1890, -82.2770



120.1410, 4.2170, 6.1770



77.1730, 57.3400, 95.2280



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 113.7150, 71.2740, 118.0420 looks on a white background.

Color Contrast Check

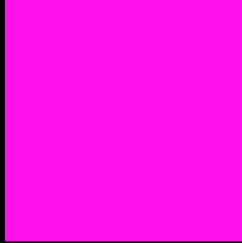
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7150, 71.2740, 118.0420 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 113.7150, 71.2740, 118.0420

Background



This preview shows how black text looks on a background with the YIQ color 113.7150, 71.2740, 118.0420.



This preview shows how white text looks on a background with the YIQ color 113.7150, 71.2740,

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

113.7150, 71.2740, 118.0420

Protanopia

138.4480, -67.5860, 24.4300

Deuteranopia

141.2310, -48.2820, 15.9900



Tritanopia

138.9360, 86.2820, 33.2420

Trichromacy



Original Color

113.7150, 71.2740, 118.0420



Protanomaly

129.1750, -17.2040, 58.5080



Deuteranomaly

131.2440, -4.4570, 53.2630



Tritanomaly

129.5810, 81.2330, 64.1850

Monochromacy



Original Color

113.7150, 71.2740, 118.0420



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7200, 25.8970, 42.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7150, 71.2740, 118.0420 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(255, 18, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 236)  
}
```

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(255, 18, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 236) }
```

Border

The CSS property to change the border of an element to YIQ 113.7150, 71.2740, 118.0420 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(255, 18, 236) }
```


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

```
.border{ border-color:rgb(255, 18, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 18, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7150, 71.2740, 118.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 236) }
```

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

```
.background{ background-color: rgb(255, 18,  
236) }
```

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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