

Converting Colors

YIQ(111.3500, 71.0440,
122.2120)

Have a look what the booklet for
YIQ(111.3500, 71.0440, 122.2120)
contains.

YIQ(111.3500, 71.0440, 122.2120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(111.3500, 71.0440,
122.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0DF1
RGB	255, 13, 241
RGB Percent	100%, 5%, 95%
CMY	0.0000, 0.9493, 0.0548
CMYK	0.00, 0.95, 0.05, 0.00
HSL	303°, 100%, 53%
HSV	303°, 95%, 100%
XYZ	57.2638, 27.8977, 85.6068
YIQ	111.3500, 71.0440, 122.2120

Conversions

Conversions Part 2

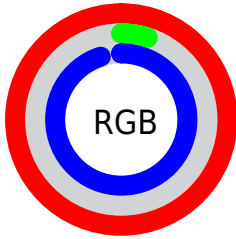
Format	Color
R _Y B	255, 13, 241
Decimal	16715249
CIE Lab	59.80, 95.59, -53.91
CIE LCh	60, 109.742, 330.578
Yxy	27.8977, 0.3353, 0.1634
Android (android.graphics.Color)	4294905329 (0xFFFF0DF1)
YUV	111.3500, 63.9175, 125.9811
Hunter-Lab	52.8183, 101.0916, -59.1231

Details

The YIQ color **111.3500, 71.0440, 122.2120** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **156.6500, -71.0440, -122.2120**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 40.7000, 77.4040**, and **78.6830, 55.9640, 98.1400** is the 20% darker color. If you saturate the color by 10%, you get **103.6050, 74.9400, 128.7000**, and if you desaturate by 10%, it is **126.1390, 63.8480, 109.4480**.

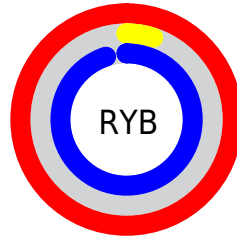
Distribution



Red (100%)

Green (5%)

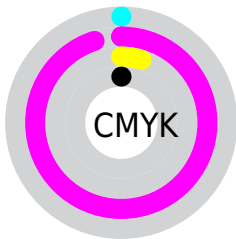
Blue (95%)



Red (100%)

Yellow (5%)

Blue (95%)

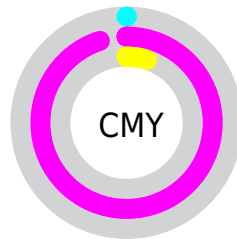


Cyan (0%)

Magenta (95%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (95%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.3500, 71.0440, 122.2120 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 111.3500, 71.0440, 122.2120 by changing the saturation by 10% instead.


 111.3500, 71.0440,
122.2120


 111.3500, 71.0440,
122.2120


255.0000, -0.0000,
-0.0000


 91.1440, 65.4520,
113.4200


 168.1240, 40.7000,
77.4040


 78.6830, 55.9640,
98.1400


 187.4950, 31.6250,
60.1450


 66.6350, 46.7510,
83.3830


 205.6920, 23.1000,
43.9320

 54.5870, 37.5380,
68.6260

 223.8890, 14.5750,
27.7190

 42.6530, 28.0040,
54.1800

 242.0860, 6.0500,
11.5060

 31.7300, 19.9370,
40.6810

 19.4260, 8.5690,

26.4330

■ 3.6480, -10.2720,
9.9520

■ 0.4560, -1.2840,
1.2440

■ 111.3500, 71.0440,
122.2120

■ 111.3500, 71.0440,
122.2120

■ 103.6050, 74.9400,
128.7000

■ 126.1390, 63.8480,
109.4480

■ 141.6290, 56.0560,
96.4720

■ 156.4180, 48.8600,
83.7080

■ 171.9080, 41.0680,
70.7320

186.6970, 33.8720,
57.9680

202.1870, 26.0800,
44.9920

216.9760, 18.8840,
32.2280

232.4660, 11.0920,
19.2520

247.2550, 3.8960,
6.4880

Harmonies

Analogous

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



131.8460, -44.6190, 43.2290



111.3500, 71.0440, 122.2120



93.0030, 104.7930, 99.7770

Triad

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



111.3500, 71.0440, 122.2120



135.3800, 64.6540, -37.3780



134.3080, -127.4110, -20.2350

Complementary

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



111.3500, 71.0440, 122.2120



156.6500, -71.0440, -122.2120

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.



122.5490, -95.6780, -50.1900



111.3500, 71.0440, 122.2120



117.1870, -4.8470, -71.8790

Square

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



111.3500, 71.0440, 122.2120



130.2050, 120.8120, 2.1560



106.8460, -58.3510, -82.4070



132.9690, -130.5300, -13.2660

Rectangle

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



111.3500, 71.0440, 122.2120



85.8210, 125.0160, 80.1840



106.8460, -58.3510, -82.4070



130.7740, -117.4600, -29.8760

Sweetspot

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



111.3500, 71.0440, 122.2120



212.8670, 20.8090, 35.8890



44.1760, -70.5300, 77.8060



101.8300, 13.0630, 22.0790



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.



111.3500, 71.0440, 122.2120



103.6050, 74.9400, 128.7000



97.7840, 109.2430, 85.2030



120.2550, 3.8960, 6.4880



77.6290, 56.0560, 96.4720



25.9760, 18.8840, 32.2280

Inverse Universe

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



111.3500, 71.0440, 122.2120



103.6050, 74.9400, 128.7000



170.2160, -109.2430, -85.2030



120.2550, 3.8960, 6.4880



77.6290, 56.0560, 96.4720



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 111.3500, 71.0440, 122.2120 looks on a white background.

Color Contrast Check

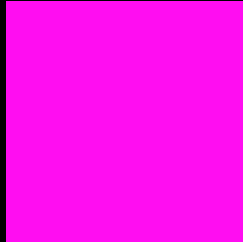
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3500, 71.0440, 122.2120 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 111.3500, 71.0440, 122.2120

Background



This preview shows how black text looks on a background with the YIQ color 111.3500, 71.0440, 122.2120.



This preview shows how white text looks on a background with the YIQ color 111.3500, 71.0440,

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

111.3500, 71.0440, 122.2120

Protanopia

138.4480, -67.5860, 24.4300

Deuteranopia

140.1920, -52.5460, 16.1740



Tritanopia

139.3380, 85.0900, 32.8180

Trichromacy



Original Color

111.3500, 71.0440, 122.2120



Protanomaly

128.2290, -17.2960, 60.1760



Deuteranomaly

129.3300, -7.5750, 54.7050



Tritanomaly

129.0370, 79.9490, 65.4290

Monochromacy



Original Color

111.3500, 71.0440, 122.2120



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

110.7740, 25.8050, 44.4690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.3500, 71.0440, 122.2120 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, 13, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 13, 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(255, 13, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 13, 241) }
```

Border

The CSS property to change the border of an element to YIQ 111.3500, 71.0440, 122.2120 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, 13, 241) }
```


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

```
.border{ border-color:rgb(255, 13, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 13, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 13, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 13, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 13,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 111.3500, 71.0440, 122.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 13, 241) }
```

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

```
.background{ background-color: rgb(255, 13,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor