

Converting Colors

YIQ(111.3040, 76.6850,
113.5890)

Have a look what the booklet for
YIQ(111.3040, 76.6850, 113.5890)
contains.

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Color

**YIQ(111.3040, 76.6850,
113.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	FF11DC
RGB	255, 17, 220
RGB Percent	100%, 7%, 86%
CMY	0.0000, 0.9336, 0.1371
CMYK	0.00, 0.93, 0.14, 0.00
HSL	309°, 100%, 53%
HSV	309°, 93%, 100%
XYZ	54.3621, 26.8271, 70.0491
YIQ	111.3040, 76.6850, 113.5890

Conversions

Conversions Part 2

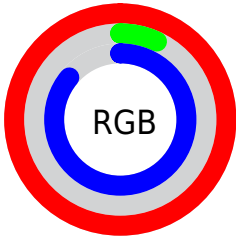
Format	Color
R _Y B	255, 17, 220
Decimal	16716252
CIE Lab	58.81, 92.57, -43.66
CIE LCh	59, 102.347, 334.746
Yxy	26.8271, 0.3594, 0.1774
Android (android.graphics.Color)	4294906332 (0xFFFF11DC)
YUV	111.3040, 53.5871, 126.0214
Hunter-Lab	51.7949, 96.7064, -43.9293

Details

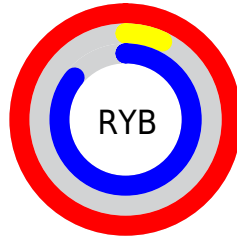
The YIQ color **111.3040, 76.6850, 113.5890** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **160.6960, -76.6850, -113.5890**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 40.7000, 77.4040**, and **76.4030, 62.3840, 91.9200** is the 20% darker color. If you saturate the color by 10%, you get **101.0970, 82.0020, 121.8580**, and if you desaturate by 10%, it is **126.4350, 68.5260, 101.7580**.

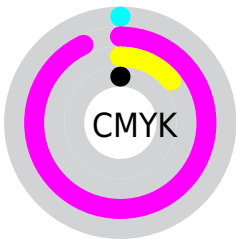
Distribution



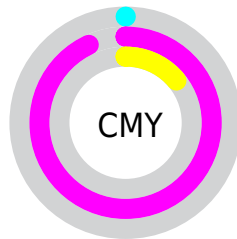
- Red (100%)
- Green (7%)
- Blue (86%)



- Red (100%)
- Yellow (7%)
- Blue (86%)



- Cyan (0%)
- Magenta (93%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (93%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.3040, 76.6850, 113.5890 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 111.3040, 76.6850, 113.5890 by changing the saturation by 10% instead.


 111.3040, 76.6850,
113.5890


 111.3040, 76.6850,
113.5890


255.0000, -0.0000,
-0.0000


 88.8640, 71.8720,
107.2000


 168.1240, 40.7000,
77.4040


 76.4030, 62.3840,
91.9200


 186.9080, 31.9000,
60.6680


 64.4690, 52.8500,
77.4740


 205.6920, 23.1000,
43.9320

 52.5350, 43.3160,
63.0280

 223.8890, 14.5750,
27.7190

 40.7150, 33.4610,
48.8930

 242.0860, 6.0500,
11.5060

 29.9060, 25.0730,
35.7050

 18.0150, 13.9800,

21.9800

■ 1.8240, -5.1360,
4.9760

■ 0.0000, 0.0000,
0.0000

■ 111.3040, 76.6850,
113.5890

■ 111.3040, 76.6850,
113.5890

■ 101.0970, 82.0020,
121.8580

■ 126.4350, 68.5260,
101.7580

■ 142.1530, 60.0920,
89.4040

■ 157.1700, 52.2540,
77.2620

■ 172.8880, 43.8200,
64.9080

188.0190, 35.6610,
53.0770

203.7370, 27.2270,
40.7230

218.7540, 19.3890,
28.5810

234.4720, 10.9550,
16.2270

249.6030, 2.7960,
4.3960

Harmonies

Analogous

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



136.4190, -23.9430, 53.9850



111.3040, 76.6850, 113.5890



91.2930, 109.6080, 95.1120

Triad

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



111.3040, 76.6850, 113.5890



131.7810, 56.0350, -40.8690



131.6010, -126.6780, -16.9980

Complementary

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



111.3040, 76.6850, 113.5890



160.6960, -76.6850, -113.5890

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.



121.4550, -98.1090, -44.6770



111.3040, 76.6850, 113.5890



111.5280, -13.2370, -74.0130

Square

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



111.3040, 76.6850, 113.5890



130.4050, 108.2050, -6.1550



107.9350, -65.5510, -73.0630



129.4470, -128.8800, -10.1280

Rectangle

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



111.3040, 76.6850, 113.5890



84.6810, 128.2260, 77.0740



107.9350, -65.5510, -73.0630



128.9960, -117.9650, -26.2290

Sweetspot

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



111.3040, 76.6850, 113.5890



212.1830, 22.7350, 34.0230



53.7000, -57.3260, 80.8020



101.3740, 14.3470, 20.8350



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.



111.3040, 76.6850, 113.5890



101.0970, 82.0020, 121.8580



98.0800, 113.9210, 77.5130



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Inverse Universe

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



111.3040, 76.6850, 113.5890



101.0970, 82.0020, 121.8580



173.9200, -113.9210, -77.5130



120.1410, 4.2170, 6.1770



75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 111.3040, 76.6850, 113.5890 looks on a white background.

Color Contrast Check

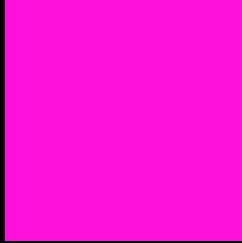
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3040, 76.6850, 113.5890 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 111.3040, 76.6850, 113.5890

Background



This preview shows how black text looks on a background with the YIQ color 111.3040, 76.6850, 113.5890.



This preview shows how white text looks on a background with the YIQ color 111.3040, 76.6850,

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

111.3040, 76.6850, 113.5890

Protanopia

135.7790, -70.0160, 24.4160

Deuteranopia

141.0490, -36.0860, 15.2260



Tritanopia

134.3280, 91.0500, 34.9380

Trichromacy



Original Color

111.3040, 76.6850, 113.5890



Protanomaly

127.0070, -16.7910, 56.5290



Deuteranomaly

130.4530, 5.0800, 51.1280



Tritanomaly

126.0930, 85.5430, 63.1670

Monochromacy



Original Color

111.3040, 76.6850, 113.5890



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.1500, 27.5020, 41.2460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.3040, 76.6850, 113.5890 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, 17, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 220)  
}
```

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, 17, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 220) }
```

Border

The CSS property to change the border of an element to YIQ 111.3040, 76.6850, 113.5890 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, 17, 220) }
```


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

```
.border{ border-color:rgb(255, 17, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 17, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 111.3040, 76.6850, 113.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 220) }
```

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

```
.background{ background-color: rgb(255, 17,  
220) }
```

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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