

Converting Colors

YIQ(113.7810, 70.9080,
113.6600)

Have a look what the booklet for
YIQ(113.7810, 70.9080, 113.6600)
contains.

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Color

**YIQ(113.7810, 70.9080,
113.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	FC15E5
RGB	252, 21, 229
RGB Percent	99%, 8%, 90%
CMY	0.0111, 0.9179, 0.1018
CMYK	0.00, 0.92, 0.09, 0.01
HSL	306°, 98%, 54%
HSV	306°, 92%, 99%
XYZ	54.6212, 26.9194, 76.4683
YIQ	113.7810, 70.9080, 113.6600

Conversions

Conversions Part 2

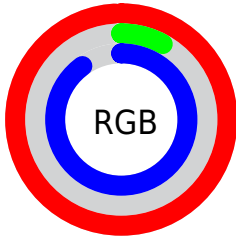
Format	Color
R _{YB}	252, 21, 229
Decimal	16520677
CIE _{Lab}	58.90, 92.85, -48.64
CIE _{LCh}	59, 104.821, 332.354
Y _{xy}	26.9194, 0.3457, 0.1704
Android (android.graphics.Color)	4294710757 (0xFFFC15E5)
YUV	113.7810, 56.8030, 121.2181
Hunter-Lab	51.8839, 97.1201, -51.0648

Details

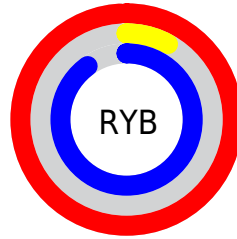
The YIQ color **113.7810, 70.9080, 113.6600** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **159.2190, -70.9080, -113.6600**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 40.4250, 76.8810**, and **76.5320, 57.7070, 94.0830** is the 20% darker color. If you saturate the color by 10%, you get **101.2260, 77.3250, 124.0210**, and if you desaturate by 10%, it is **128.7980, 63.0700, 101.5180**.

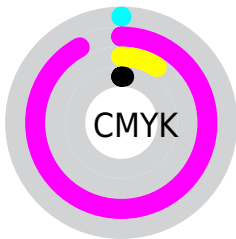
Distribution



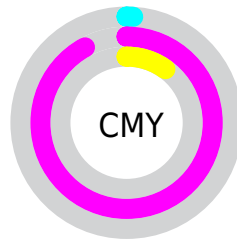
- Red (99%)
- Green (8%)
- Blue (90%)



- Red (99%)
- Yellow (8%)
- Blue (90%)



- Cyan (0%)
- Magenta (92%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (92%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.7810, 70.9080, 113.6600 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 113.7810, 70.9080, 113.6600 by changing the saturation by 10% instead.


 113.7810, 70.9080,
113.6600

 113.7810, 70.9080,
113.6600


255.0000, -0.0000,
-0.0000


 88.9930, 67.1950,
109.3630


 168.7110, 40.4250,
76.8810


 76.8310, 58.3030,
94.2950


 187.4950, 31.6250,
60.1450

 64.4840, 48.4940,
79.3260


 205.6920, 23.1000,
43.9320

 52.7350, 39.8770,
64.7810

 223.8890, 14.5750,
27.7190

 40.9150, 30.0220,
50.6460

 242.0860, 6.0500,
11.5060

 30.1060, 21.6340,
37.4580

 18.1010, 10.8620,

23.4220

■ 2.7360, -7.7040,
7.4640

■ 0.0000, 0.0000,
0.0000

■ 113.7810, 70.9080,
113.6600

■ 113.7810, 70.9080,
113.6600

■ 101.2260, 77.3250,
124.0210

■ 128.7980, 63.0700,
101.5180

■ 143.7010, 55.5530,
89.0650

■ 159.3050, 47.4400,
76.4000

■ 174.2080, 39.9230,
63.9470

189.2250, 32.0850,
51.8050

204.1280, 24.5680,
39.3520

219.1450, 16.7300,
27.2100

234.6350, 8.9380,
14.2340

249.6520, 1.1000,
2.0920

Harmonies

Analogous

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



133.9830, -34.5790, 48.5010



113.7810, 70.9080, 113.6600



92.0910, 107.3610, 97.2890

Triad

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



113.7810, 70.9080, 113.6600



132.4010, 60.1610, -38.5510



131.7320, -125.6690, -18.7650

Complementary

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



113.7810, 70.9080, 113.6600



159.2190, -70.9080, -113.6600

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.



120.6570, -95.8620, -46.8540



113.7810, 70.9080, 113.6600



114.5180, -7.2770, -71.8930

Square

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



113.7810, 70.9080, 113.6600



129.5630, 113.7520, -2.0560



106.5670, -61.6990, -76.7950



130.0340, -129.1550, -10.6510

Rectangle

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



113.7810, 70.9080, 113.6600



85.2510, 126.6210, 78.6290



106.5670, -61.6990, -76.7950



128.4260, -116.3600, -27.7840

Sweetspot

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



113.7810, 70.9080, 113.6600



212.5250, 21.7720, 34.9560



54.2110, -60.4430, 76.7170



101.6020, 13.7050, 21.4570



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.



113.7810, 70.9080, 113.6600



102.3510, 78.4710, 125.2790



100.5570, 108.1440, 77.5840



117.2550, 3.8960, 6.4880



75.8910, 58.0740, 92.9380



24.5090, 18.7010, 30.0370

Inverse Universe

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



113.7810, 70.9080, 113.6600



102.3510, 78.4710, 125.2790



172.4430, -108.1440, -77.5840



117.2550, 3.8960, 6.4880



75.8910, 58.0740, 92.9380



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 113.7810, 70.9080, 113.6600 looks on a white background.

Color Contrast Check

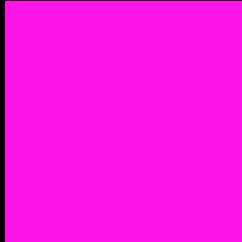
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7810, 70.9080, 113.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

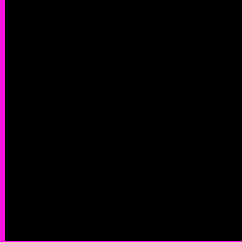
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.7810, 70.9080, 113.6600

Background



This preview shows how black text looks on a background with the YIQ color 113.7810, 70.9080, 113.6600.



This preview shows how white text looks on a background with the YIQ color 113.7810, 70.9080,

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

113.7810, 70.9080, 113.6600

Protanopia

135.7790, -70.0160, 24.4160

Deuteranopia

139.8570, -44.2930, 15.2830



Tritanopia

135.9360, 86.2820, 33.2420

Trichromacy



Original Color

113.7810, 70.9080, 113.6600



Protanomaly

127.7510, -18.9460, 57.0380



Deuteranomaly

130.4460, -2.2100, 51.0860



Tritanomaly

128.2280, 80.7290, 62.3050

Monochromacy



Original Color

113.7810, 70.9080, 113.6600



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7800, 25.6680, 41.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7810, 70.9080, 113.6600 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(252, 21, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 21, 229)  
}
```

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(252, 21, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 21, 229) }
```

Border

The CSS property to change the border of an element to YIQ 113.7810, 70.9080, 113.6600 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(252, 21, 229) }
```


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

```
.border{ border-color:rgb(252, 21, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 21, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 21, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 21, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 21,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7810, 70.9080, 113.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 21, 229) }
```

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

```
.background{ background-color: rgb(252, 21,  
229) }
```

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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