

Converting Colors

YIQ(110.8600, 77.6950,
106.2950)

Have a look what the booklet for
YIQ(110.8600, 77.6950, 106.2950)
contains.

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Color

**YIQ(110.8600, 77.6950,
106.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	FB15CE
RGB	251, 21, 206
RGB Percent	98%, 8%, 81%
CMY	0.0150, 0.9179, 0.1920
CMYK	0.00, 0.92, 0.18, 0.02
HSL	312°, 97%, 53%
HSV	312°, 92%, 98%
XYZ	51.2566, 25.5317, 60.6459
YIQ	110.8600, 77.6950, 106.2950

Conversions

Conversions Part 2

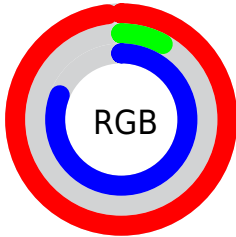
Format	Color
R _Y B	251, 21, 206
Decimal	16455118
CIE Lab	57.59, 89.78, -37.68
CIE LCh	58, 97.368, 337.236
Yxy	25.5317, 0.3730, 0.1858
Android (android.graphics.Color)	4294645198 (0xFFFB15CE)
YUV	110.8600, 46.9040, 122.9028
Hunter-Lab	50.5289, 92.6453, -35.7910

Details

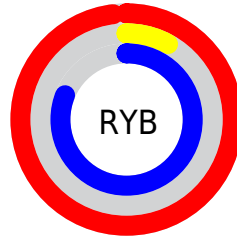
The YIQ color **110.8600, 77.6950, 106.2950** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **161.1400, -77.6950, -106.2950**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 40.7000, 77.4040**, and **73.7250, 64.1730, 87.0290** is the 20% darker color. If you saturate the color by 10%, you get **98.0770, 84.7540, 116.0340**, and if you desaturate by 10%, it is **126.1050, 69.2150, 94.7750**.

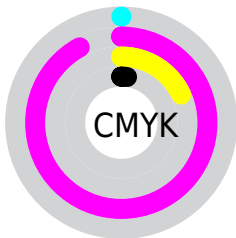
Distribution



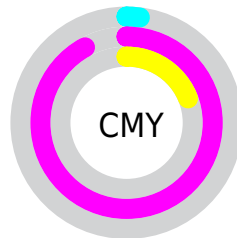
- Red (98%)
- Green (8%)
- Blue (81%)



- Red (98%)
- Yellow (8%)
- Blue (81%)



- Cyan (0%)
- Magenta (92%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (92%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.8600, 77.6950, 106.2950 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 110.8600, 77.6950, 106.2950 by changing the saturation by 10% instead.


 110.8600, 77.6950,
106.2950


 110.8600, 77.6950,
106.2950


255.0000, -0.0000,
-0.0000


 86.0720, 73.9820,
101.9980


 168.1240, 40.7000,
77.4040


 74.0240, 64.7690,
87.2410

 186.9080, 31.9000,
60.6680


 61.7910, 54.6390,
72.5830


 205.1050, 23.3750,
44.4550

 50.2700, 45.3800,
58.6600

 222.7150, 15.1250,
28.7650

 38.4500, 35.5250,
44.5250

 240.9120, 6.6000,
12.5520

 27.4560, 26.2200,
31.4360

 15.9780, 15.4020,

18.2340

■ 0.0000, 0.0000,
0.0000

■ 110.8600, 77.6950,
106.2950

■ 110.8600, 77.6950,
106.2950

■ 98.0770, 84.7540,
116.0340

■ 126.1050, 69.2150,
94.7750

■ 141.3500, 60.7350,
83.2550

■ 156.5950, 52.2550,
71.7350

■ 171.8400, 43.7750,
60.2150

■ 187.6720, 35.0200,
48.1720

■ 202.9170, 26.5400,
36.6520

■ 218.1620, 18.0600,
25.1320

■ 233.2930, 9.9010,
13.3010

■ 248.5380, 1.4210,
1.7810

Harmonies

Analogous

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



136.4740, -16.6080, 58.7200



110.8600, 77.6950, 106.2950



90.1530, 112.8180, 92.0020

Triad

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



110.8600, 77.6950, 106.2950



128.2040, 50.3500, -42.4660



128.4380, -124.6610, -15.0050

Complementary

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



110.8600, 77.6950, 106.2950



161.1400, -77.6950, -106.2950

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.



118.9760, -98.0180, -40.8180



110.8600, 77.6950, 106.2950



106.7770, -18.3720, -74.5640

Square

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



110.8600, 77.6950, 106.2950



128.8770, 100.8240, -10.0560



106.7270, -67.6610, -67.8610



125.9250, -127.2300, -6.9900

Rectangle

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



110.8600, 77.6950, 106.2950



83.8830, 130.4730, 74.8970



106.7270, -67.6610, -67.8610



126.0610, -116.5900, -23.6140

Sweetspot

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



110.8600, 77.6950, 106.2950



213.0150, 23.1480, 32.0440



59.7780, -48.7980, 80.4340



103.0210, 13.8430, 18.9550



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.



110.8600, 77.6950, 106.2950



99.6150, 86.1750, 117.8150



98.0920, 113.6470, 71.4630



117.1410, 4.2170, 6.1770



73.8390, 63.8520, 87.3400



23.8250, 20.6270, 28.1710

Inverse Universe

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



110.8600, 77.6950, 106.2950



99.6150, 86.1750, 117.8150



173.9080, -113.6470, -71.4630



117.1410, 4.2170, 6.1770



73.8390, 63.8520, 87.3400



23.8250, 20.6270, 28.1710

Previews

White Background



This preview shows how the YIQ color 110.8600, 77.6950, 106.2950 looks on a white background.

Color Contrast Check

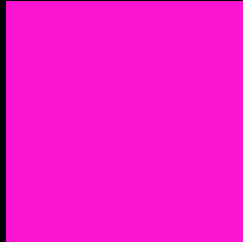
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8600, 77.6950, 106.2950 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 110.8600, 77.6950, 106.2950

Background



This preview shows how black text looks on a background with the YIQ color 110.8600, 77.6950, 106.2950.



This preview shows how white text looks on a background with the YIQ color 110.8600, 77.6950,

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

110.8600, 77.6950, 106.2950

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

138.3010, -28.1080, 13.8120



Tritanopia

130.6980, 92.8840, 34.7400

Trichromacy



Original Color

110.8600, 77.6950, 106.2950



Protanomaly

124.0560, -18.4870, 54.2250



Deuteranomaly

128.5690, 10.4450, 47.5090



Tritanomaly

123.2950, 87.7900, 60.9900

Monochromacy



Original Color

110.8600, 77.6950, 106.2950



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

110.8680, 28.2360, 38.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8600, 77.6950, 106.2950 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(251, 21, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 21, 206)  
}
```

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(251, 21, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 21, 206) }
```

Border

The CSS property to change the border of an element to YIQ 110.8600, 77.6950, 106.2950 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(251, 21, 206) }
```


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

```
.border{ border-color:rgb(251, 21, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 21, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 21, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 21, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 21,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 110.8600, 77.6950, 106.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 21, 206) }
```

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

```
.background{ background-color: rgb(251, 21,  
206) }
```

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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