

Converting Colors

YIQ(108.1920, 82.6920,
109.3480)

Have a look what the booklet for
YIQ(108.1920, 82.6920, 109.3480)
contains.

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Color

**YIQ(108.1920, 82.6920,
109.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0FCB
RGB	255, 15, 203
RGB Percent	100%, 6%, 80%
CMY	0.0000, 0.9414, 0.2037
CMYK	0.00, 0.94, 0.20, 0.00
HSL	313°, 100%, 53%
HSV	313°, 94%, 100%
XYZ	52.1945, 25.9128, 58.7797
YIQ	108.1920, 82.6920, 109.3480

Conversions

Conversions Part 2

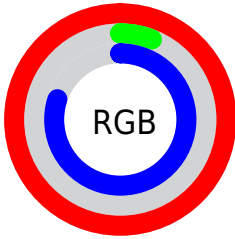
Format	Color
R _Y B	255, 15, 203
Decimal	16715723
CIE Lab	57.95, 90.68, -35.34
CIE LCh	58, 97.324, 338.707
Yxy	25.9128, 0.3813, 0.1893
Android (android.graphics.Color)	4294905803 (0xFFFF0FCB)
YUV	108.1920, 46.7403, 128.7506
Hunter-Lab	50.9047, 93.9396, -32.8291

Details

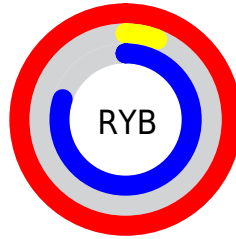
The YIQ color **108.1920, 82.6920, 109.3480** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **161.8080, -82.6920, -109.3480**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 40.9750, 77.9270**, and **74.5790, 67.5200, 86.9440** is the 20% darker color. If you saturate the color by 10%, you get **99.0450, 87.7800, 116.2600**, and if you desaturate by 10%, it is **123.5510, 73.8910, 98.1390**.

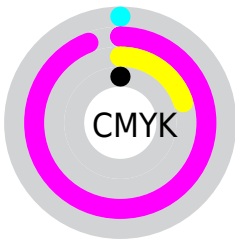
Distribution



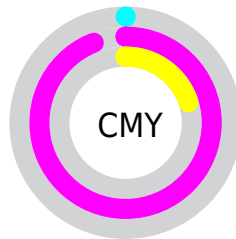
- Red (100%)
- Green (6%)
- Blue (80%)



- Red (100%)
- Yellow (6%)
- Blue (80%)



- Cyan (0%)
- Magenta (94%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.1920, 82.6920, 109.3480 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 108.1920, 82.6920, 109.3480 by changing the saturation by 10% instead.


 108.1920, 82.6920,
109.3480


 108.1920, 82.6920,
109.3480


255.0000, -0.0000,
-0.0000


 86.9260, 77.3290,
101.9130


 167.5370, 40.9750,
77.9270


 74.5790, 67.5200,
86.9440


 186.3210, 32.1750,
61.1910


 62.6450, 57.9860,
72.4980


 204.5180, 23.6500,
44.9780

 50.8250, 48.1310,
58.3630

 222.7150, 15.1250,
28.7650

 39.1190, 37.9550,
44.5390

 240.9120, 6.6000,
12.5520

 28.1250, 28.6500,
31.4500

 16.6470, 17.8320,

18.2480

■ 0.0000, 0.0000,
0.0000

■ 108.1920, 82.6920,
109.3480

■ 108.1920, 82.6920,
109.3480

■ 99.0450, 87.7800,
116.2600

■ 123.5510, 73.8910,
98.1390

■ 139.3830, 65.1360,
86.0960

■ 154.7420, 56.3350,
74.8870

■ 170.5740, 47.5800,
62.8440

■ 185.9330, 38.7790,
51.6350

■ 201.7650, 30.0240,
39.5920

■ 217.1240, 21.2230,
28.3830

■ 232.9560, 12.4680,
16.3400

■ 248.3150, 3.6670,
5.1310

Harmonies

Analogous

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



137.6920, -11.2900, 61.4620



108.1920, 82.6920, 109.3480



89.8110, 113.7810, 91.0690

Triad

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



108.1920, 82.6920, 109.3480



128.4810, 48.0120, -44.1480



129.4810, -126.2200, -14.2840

Complementary

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



108.1920, 82.6920, 109.3480



161.8080, -82.6920, -109.3480

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.



120.7200, -100.1730, -40.3090



108.1920, 82.6920, 109.3480



104.9610, -24.8820, -77.7300

Square

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



108.1920, 82.6920, 109.3480



130.0400, 98.8070, -12.0490



107.9980, -69.8620, -66.5180



125.9250, -127.2300, -6.9900

Rectangle

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



108.1920, 82.6920, 109.3480



88.8240, 128.9610, 69.2570



107.9980, -69.8620, -66.5180



127.2180, -118.4700, -22.5820

Sweetspot

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



108.1920, 82.6920, 109.3480



211.6130, 24.3400, 32.4680



56.7120, -48.4320, 84.8160



101.0320, 15.3100, 19.9020



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.



108.1920, 82.6920, 109.3480



99.0450, 87.7800, 116.2600



94.9680, 119.9280, 73.2720



120.0270, 4.5380, 5.8660



74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Inverse Universe

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



108.1920, 82.6920, 109.3480



99.0450, 87.7800, 116.2600



175.0320, -119.9280, -73.2720



120.0270, 4.5380, 5.8660



74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 108.1920, 82.6920, 109.3480 looks on a white background.

Color Contrast Check

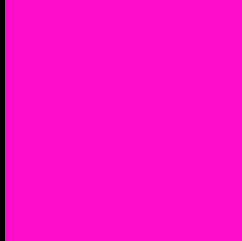
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.1920, 82.6920, 109.3480 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 108.1920, 82.6920, 109.3480

Background



This preview shows how black text looks on a background with the YIQ color 108.1920, 82.6920, 109.3480.



This preview shows how white text looks on a background with the YIQ color 108.1920, 82.6920,

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

108.1920, 82.6920, 109.3480

Protanopia

132.8220, -71.5750, 25.1370

Deuteranopia

140.0410, -24.4400, 13.4160



Tritanopia

130.4920, 96.4600, 36.0120

Trichromacy



Original Color

108.1920, 82.6920, 109.3480



Protanomaly

123.9640, -15.2320, 55.8080



Deuteranomaly

128.2490, 14.3420, 48.4700



Tritanomaly

122.5020, 91.6410, 62.7850

Monochromacy



Original Color

108.1920, 82.6920, 109.3480



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

107.8790, 29.7030, 39.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.1920, 82.6920, 109.3480 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, 15, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 203)  
}
```

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, 15, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 203) }
```

Border

The CSS property to change the border of an element to YIQ 108.1920, 82.6920, 109.3480 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, 15, 203) }
```


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

```
.border{ border-color:rgb(255, 15, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 108.1920, 82.6920, 109.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 203) }
```

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

```
.background{ background-color: rgb(255, 15,  
203) }
```

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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