

Converting Colors

YIQ(99.0830, 67.4220, 121.7740)

Have a look what the booklet for
YIQ(99.0830, 67.4220, 121.7740)
contains.

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Color

**YIQ(99.0830, 67.4220,
121.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	EF02E8
RGB	239, 2, 232
RGB Percent	94%, 1%, 91%
CMY	0.0620, 0.9924, 0.0901
CMYK	0.00, 0.99, 0.03, 0.06
HSL	302°, 98%, 47%
HSV	302°, 99%, 94%
XYZ	50.2469, 24.2509, 78.3935
YIQ	99.0830, 67.4220, 121.7740

Conversions

Conversions Part 2

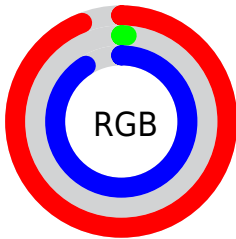
Format	Color
R_{YB}	239, 2, 232
Decimal	15663848
CIE _{Lab}	56.34, 92.49, -54.53
CIE _{LCh}	56, 107.369, 329.475
Yxy	24.2509, 0.3286, 0.1586
Android (android.graphics.Color)	4293853928 (0xFFEF02E8)
YUV	99.0830, 65.5281, 122.7072
Hunter-Lab	49.2452, 95.9518, -59.9122

Details

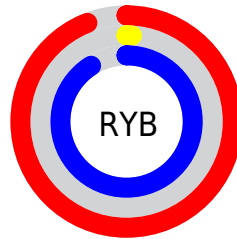
The YIQ color **99.0830, 67.4220, 121.7740** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **141.9170, -67.4220, -121.7740**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **165.1890, 42.0750, 80.0190**, and **73.1720, 49.9130, 92.1610** is the 20% darker color. If you saturate the color by 10%, you get **97.9090, 67.9720, 122.8200**, and if you desaturate by 10%, it is **113.2850, 60.5010, 109.5330**.

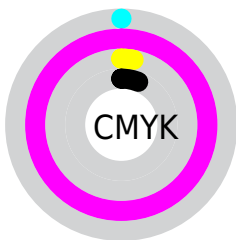
Distribution



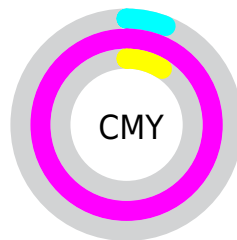
- Red (94%)
- Green (1%)
- Blue (91%)



- Red (94%)
- Yellow (1%)
- Blue (91%)



- Cyan (0%)
- Magenta (99%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (99%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.0830, 67.4220, 121.7740 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 99.0830, 67.4220, 121.7740 by changing the saturation by 10% instead.


 99.0830, 67.4220,
121.7740


 99.0830, 67.4220,
121.7740


255.0000, -0.0000,
-0.0000


 85.3340, 58.8050,
107.2290


 165.1890, 42.0750,
80.0190


 73.1720, 49.9130,
92.1610


 183.9730, 33.2750,
63.2830

 61.1240, 40.7000,
77.4040


 202.1700, 24.7500,
47.0700

 49.4890, 31.7620,
63.1700

 220.3670, 16.2250,
30.8570

 37.5550, 22.2280,
48.7240

 238.5640, 7.7000,
14.6440

 26.4470, 13.2440,
35.3240

 14.4420, 2.4720,

21.2880

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 99.0830, 67.4220,
121.7740

■ 99.0830, 67.4220,
121.7740

■ 97.9090, 67.9720,
122.8200

■ 113.2850, 60.5010,
109.5330

■ 127.3730, 53.9010,
96.9810

■ 141.5750, 46.9800,
84.7400

■ 155.7770, 40.0590,
72.4990

■ 169.9790, 33.1380,
60.2580

■ 183.4800, 26.8130,
48.2290

■ 197.6820, 19.8920,
35.9880

■ 211.8840, 12.9710,
23.7470

■ 226.0860, 6.0500,
11.5060

Harmonies

Analogous

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



122.3440, -54.8890, 42.1270



99.0830, 67.4220, 121.7740



92.3190, 106.7190, 97.9110

Triad

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



99.0830, 67.4220, 121.7740



127.1180, 62.6360, -33.8440



126.1410, -119.5710, -19.1470

Complementary

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



99.0830, 67.4220, 121.7740



141.9170, -67.4220, -121.7740

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.



114.7240, -88.8010, -48.1690



99.0830, 67.4220, 121.7740



110.7190, -3.2890, -67.0730

Square

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



99.0830, 67.4220, 121.7740



121.0460, 117.0060, 5.0540



99.1520, -50.4650, -82.1530



127.0990, -127.7800, -8.0360

Rectangle

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



99.0830, 67.4220, 121.7740



85.4790, 125.9790, 79.2510



99.1520, -50.4650, -82.1530



122.7210, -109.9410, -28.4770

Sweetspot

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



99.0830, 67.4220, 121.7740



210.1600, 21.5420, 39.1260



30.2140, -73.6930, 74.5550



100.7700, 13.2920, 23.4360



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.



99.0830, 67.4220, 121.7740



104.4030, 72.6930, 130.8770



85.9730, 104.3370, 86.0090



112.8420, 3.6210, 5.9650



75.3080, 52.5260, 94.3660



22.9000, 16.0420, 28.6660

Inverse Universe

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



99.0830, 67.4220, 121.7740



104.4030, 72.6930, 130.8770



155.1410, -104.6580, -85.6980



112.8420, 3.6210, 5.9650



75.3080, 52.5260, 94.3660



22.9000, 16.0420, 28.6660

Previews

White Background



This preview shows how the YIQ color 99.0830, 67.4220, 121.7740 looks on a white background.

Color Contrast Check

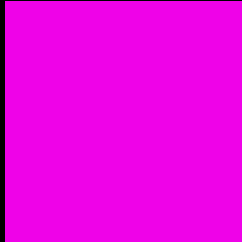
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.0830, 67.4220, 121.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

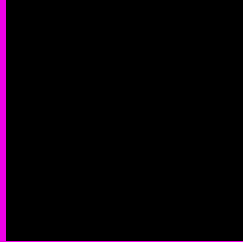
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.0830, 67.4220, 121.7740

Background



This preview shows how black text looks on a background with the YIQ color 99.0830, 67.4220, 121.7740.



This preview shows how white text looks on a background with the YIQ color 99.0830, 67.4220,

121.7740.

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

99.0830, 67.4220, 121.7740

Protanopia

126.8860, -77.6270, 24.6850

Deuteranopia

131.2950, -54.3340, 15.5380



Tritanopia

131.7500, 77.9380, 30.2740

Trichromacy



Original Color

99.0830, 67.4220, 121.7740



Protanomaly

116.9230, -25.1820, 59.9220



Deuteranomaly

119.5470, -9.6840, 54.3800



Tritanomaly

120.0470, 73.9890, 63.3090

Monochromacy



Original Color

99.0830, 67.4220, 121.7740



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

99.1760, 24.6130, 44.0450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.0830, 67.4220, 121.7740 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(239, 2, 232)` looks like.

```
.text, #text, p{  
    color:rgb(239, 2, 232)  
}
```

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(239, 2, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 2, 232) }
```

Border

The CSS property to change the border of an element to YIQ 99.0830, 67.4220, 121.7740 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(239, 2, 232) }
```


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

```
.border{ border-color:rgb(239, 2, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 2, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 2, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 2, 232);  
box-shadow:4px 4px 4px 4px rgb(239, 2,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 99.0830, 67.4220, 121.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 2, 232) }
```

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

```
.background{ background-color: rgb(239, 2,  
232) }
```

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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