

Converting Colors

YIQ(156.3210, 50.5110, 81.3190)

Have a look what the booklet for
YIQ(156.3210, 50.5110, 81.3190)
contains.

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Color

**YIQ(156.3210, 50.5110,
81.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5AEF
RGB	255, 90, 239
RGB Percent	100%, 35%, 94%
CMY	0.0000, 0.6473, 0.0627
CMYK	0.00, 0.65, 0.06, 0.00
HSL	306°, 100%, 68%
HSV	306°, 65%, 100%
XYZ	60.4735, 34.7940, 85.2068
YIQ	156.3210, 50.5110, 81.3190

Conversions

Conversions Part 2

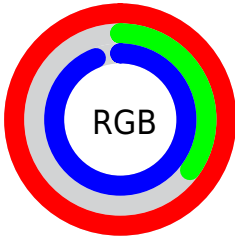
Format	Color
R _{YB}	255, 90, 239
Decimal	16734959
CIE _{Lab}	65.59, 78.37, -43.64
CIE _{LCh}	66, 89.700, 330.892
Yxy	34.7940, 0.3351, 0.1928
Android (android.graphics.Color)	4294925039 (0xFFFF5AEF)
YUV	156.3210, 40.7607, 86.5415
Hunter-Lab	58.9864, 79.7740, -44.3548

Details

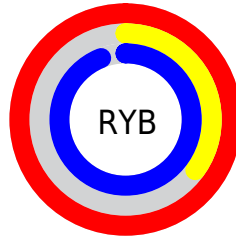
The YIQ color **156.3210, 50.5110, 81.3190** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **188.6790, -50.5110, -81.3190**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.3650, 28.8750, 54.9150**, and **79.6400, 57.5230, 97.4190** is the 20% darker color. If you saturate the color by 10%, you get **140.8310, 58.3030, 94.2950**, and if you desaturate by 10%, it is **171.2240, 42.9940, 68.8660**.

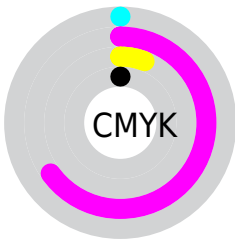
Distribution



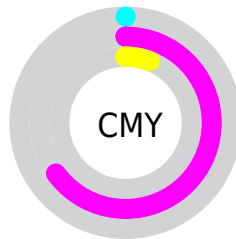
- Red (100%)
- Green (35%)
- Blue (94%)



- Red (100%)
- Yellow (35%)
- Blue (94%)



- Cyan (0%)
- Magenta (65%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.3210, 50.5110, 81.3190 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 156.3210, 50.5110, 81.3190 by changing the saturation by 10% instead.


 156.3210, 50.5110,
81.3190


 156.3210, 50.5110,
81.3190


255.0000, -0.0000,
-0.0000


 124.6740, 51.0150,
83.1990


 193.3650, 28.8750,
54.9150


 79.6400, 57.5230,
97.4190


 210.9750, 20.6250,
39.2250


 67.0050, 48.5850,
83.1850

 227.9980, 12.6500,
24.0580

 55.3700, 39.6470,
68.9510

 246.1950, 4.1250,
7.8450

 43.7350, 30.7090,
54.7170

 32.5130, 22.0460,
41.0060

 21.8180, 13.3370,

28.1290

■ 9.0300, 0.4560,
13.7680

■ 0.4560, -1.2840,
1.2440

■ 156.3210, 50.5110,
81.3190

■ 156.3210, 50.5110,
81.3190

■ 140.8310, 58.3030,
94.2950

■ 171.2240, 42.9940,
68.8660

■ 125.8140, 66.1410,
106.4370

■ 186.8280, 34.8810,
56.2010

■ 110.3240, 73.9330,
119.4130

■ 201.7310, 27.3640,
43.7480

■ 102.4650, 78.1500,
125.5900

■ 217.3350, 19.2510,
31.0830

232.2380, 11.7340,
18.6300

247.8420, 3.6210,
5.9650

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



154.3500, -28.6630, 40.4010



156.3210, 50.5110, 81.3190



125.1230, 85.9990, 76.9350

Triad

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



156.3210, 50.5110, 81.3190



148.9690, 70.0650, -41.8310



141.2380, -130.3900, -26.8220

Complementary

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



156.3210, 50.5110, 81.3190



188.6790, -50.5110, -81.3190

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.



132.1180, -104.7100, -51.7020



156.3210, 50.5110, 81.3190



136.7780, 15.4180, -70.1980

Square

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



156.3210, 50.5110, 81.3190



147.5490, 116.3670, -10.9050



119.3790, -75.7290, -75.8330



138.8390, -133.2800, -18.4960

Rectangle

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



156.3210, 50.5110, 81.3190



126.1250, 99.7120, 54.1760



119.3790, -75.7290, -75.8330



138.3880, -122.3650, -34.5970

Sweetspot

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



156.3210, 50.5110, 81.3190



226.2540, 14.8050, 23.5490



112.9960, -44.6210, 54.2830



110.0480, 9.2130, 14.7570



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.



156.3210, 50.5110, 81.3190



136.0210, 60.8240, 98.1680



147.2010, 76.1910, 56.4390



120.1410, 4.2170, 6.1770



76.8310, 58.3030, 94.2950



25.7480, 19.5260, 31.6060

Inverse Universe

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



156.3210, 50.5110, 81.3190



136.0210, 60.8240, 98.1680



197.7990, -76.1910, -56.4390



120.1410, 4.2170, 6.1770



76.8310, 58.3030, 94.2950



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 156.3210, 50.5110, 81.3190 looks on a white background.

Color Contrast Check

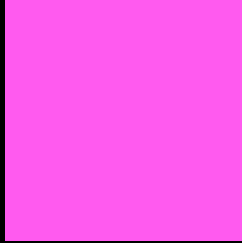
Large Text (above 18pt) WCAG AA × Fail

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 156.3210, 50.5110, 81.3190 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 ✓ Pass

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

YIQ 156.3210, 50.5110, 81.3190

Background



This preview shows how black text looks on a background with the YIQ color 156.3210, 50.5110, 81.3190.



This preview shows how white text looks on a background with the YIQ color 156.3210, 50.5110,

81.3190.

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

156.3210, 50.5110, 81.3190

Protanopia

157.1090, -53.5100, 22.6340

Deuteranopia

158.5050, -37.3700, 16.4700



Tritanopia

159.0910, 69.5480, 28.1400

Trichromacy



Original Color

156.3210, 50.5110, 81.3190



Protanomaly

156.9880, -15.7800, 43.7080



Deuteranomaly

157.4420, -5.5550, 40.1170



Tritanomaly

157.8030, 62.3920, 47.7040

Monochromacy



Original Color

156.3210, 50.5110, 81.3190



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

156.0960, 18.4260, 29.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.3210, 50.5110, 81.3190 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, 90, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 239)  
}
```

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, 90, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 239) }
```

Border

The CSS property to change the border of an element to YIQ 156.3210, 50.5110, 81.3190 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, 90, 239) }
```


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

```
.border{ border-color:rgb(255, 90, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 156.3210, 50.5110, 81.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 239) }
```

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

```
.background{ background-color: rgb(255, 90,  
239) }
```

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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