

Converting Colors

YIQ(156.5370, 58.1700, 69.1620)

Have a look what the booklet for
YIQ(156.5370, 58.1700, 69.1620)
contains.

YIQ(156.5370, 58.1700, 69.1620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(156.5370, 58.1700,
69.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF60D2
RGB	255, 96, 210
RGB Percent	100%, 38%, 82%
CMY	0.0000, 0.6238, 0.1763
CMYK	0.00, 0.62, 0.18, 0.00
HSL	317°, 100%, 69%
HSV	317°, 62%, 100%
XYZ	57.0542, 34.2686, 64.6039
YIQ	156.5370, 58.1700, 69.1620

Conversions

Conversions Part 2

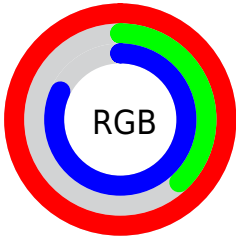
Format	Color
R _Y B	255, 96, 210
Decimal	16736466
CIE Lab	65.18, 71.89, -28.10
CIE LCh	65, 77.185, 338.648
Yxy	34.2686, 0.3659, 0.2198
Android (android.graphics.Color)	4294926546 (0xFFFF60D2)
YUV	156.5370, 26.3573, 86.3521
Hunter-Lab	58.5394, 71.5275, -24.4548

Details

The YIQ color **156.5370, 58.1700, 69.1620** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **194.4630, -58.1700, -69.1620**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.3000, 27.5000, 52.3000**, and **91.2370, 59.3150, 75.9470** is the 20% darker color. If you saturate the color by 10%, you get **140.4770, 67.5670, 80.5830**, and if you desaturate by 10%, it is **172.0100, 49.0480, 58.2640**.

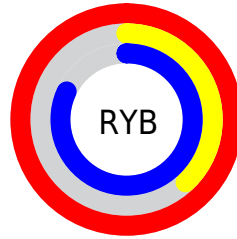
Distribution



Red (100%)

Green (38%)

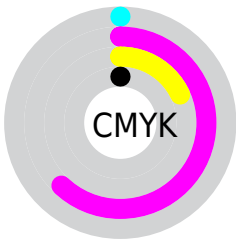
Blue (82%)



Red (100%)

Yellow (38%)

Blue (82%)

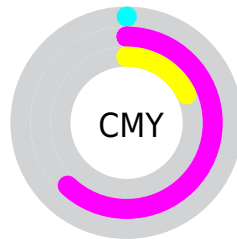


Cyan (0%)

Magenta (62%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.5370, 58.1700, 69.1620 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 156.5370, 58.1700, 69.1620 by changing the saturation by 10% instead.


 156.5370, 58.1700,
69.1620


 156.5370, 58.1700,
69.1620


255.0000, -0.0000,
-0.0000


 126.1780, 57.8030,
70.3070


 196.3000, 27.5000,
52.3000

 91.2370, 59.3150,
75.9470


 213.3230, 19.5250,
37.1330


 64.0410, 56.9310,
75.0990

 230.3460, 11.5500,
21.9660

 52.5200, 47.6720,
61.1760

 247.9560, 3.3000,
6.2760

 41.2980, 39.0090,
47.4650

 30.3040, 29.7040,
34.3760

 19.7230, 20.6740,

21.8100

■ 5.8810, 7.8850,
5.7810

■ 0.0000, 0.0000,
0.0000

■ 156.5370, 58.1700,
69.1620

■ 156.5370, 58.1700,
69.1620

■ 140.4770, 67.5670,
80.5830

■ 172.0100, 49.0480,
58.2640

■ 125.0040, 76.6890,
91.4810

■ 188.0700, 39.6510,
46.8430

■ 108.8300, 86.4070,
102.5910

■ 203.6570, 30.2080,
36.2560

■ 97.1070, 93.2370,
110.9730

■ 219.7170, 20.8110,
24.8350

■ 235.1900, 11.6890,
13.9370

■ 251.2500, 2.2920,
2.5160

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.



160.6950, -7.3450, 50.5350



156.5370, 58.1700, 69.1620



140.4530, 84.1690, 55.0250

Triad

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



156.5370, 58.1700, 69.1620



146.2230, 57.3660, -48.4740



138.0580, -129.7030, -22.7510

Complementary

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



156.5370, 58.1700, 69.1620



194.4630, -58.1700, -69.1620

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.



131.1210, -108.7920, -43.8000



156.5370, 58.1700, 69.1620



136.5390, -2.6020, -63.0020

Square

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



156.5370, 58.1700, 69.1620



148.3030, 99.0840, -22.5800



121.1520, -84.8550, -64.6230



134.1430, -131.0800, -14.3120

Rectangle

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



156.5370, 58.1700, 69.1620



142.3670, 95.3140, 34.7540



121.1520, -84.8550, -64.6230



136.3650, -123.5580, -29.4940

Sweetspot

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



156.5370, 58.1700, 69.1620



225.2280, 17.6940, 20.7500



126.6840, -26.0070, 58.3530



109.3640, 11.1390, 12.8910



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.



156.5370, 58.1700, 69.1620



136.7270, 69.8590, 83.0990



147.7590, 82.8870, 45.2150



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Inverse Universe

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



156.5370, 58.1700, 69.1620



136.7270, 69.8590, 83.0990



203.2410, -82.8870, -45.2150



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 156.5370, 58.1700, 69.1620 looks on a white background.

Color Contrast Check

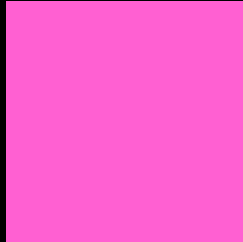
Large Text (above 18pt) WCAG AA × Fail

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 156.5370, 58.1700, 69.1620 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 156.5370, 58.1700, 69.1620

Background



This preview shows how black text looks on a background with the YIQ color 156.5370, 58.1700, 69.1620.



This preview shows how white text looks on a background with the YIQ color 156.5370, 58.1700,

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

156.5370, 58.1700, 69.1620

Protanopia

155.9350, -52.9600, 23.6800

Deuteranopia

159.3470, -16.5540, 13.6700



Tritanopia

157.4830, 74.3160, 29.8360

Trichromacy



Original Color

156.5370, 58.1700, 69.1620



Protanomaly

156.4350, -12.8450, 40.0750



Deuteranomaly

158.4250, 10.3100, 33.4300



Tritanomaly

157.2180, 68.3530, 44.2970

Monochromacy



Original Color

156.5370, 58.1700, 69.1620



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.0160, 21.4070, 25.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.5370, 58.1700, 69.1620 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, 96, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 210)  
}
```

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, 96, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 210) }
```

Border

The CSS property to change the border of an element to YIQ 156.5370, 58.1700, 69.1620 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, 96, 210) }
```


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

```
.border{ border-color:rgb(255, 96, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 156.5370, 58.1700, 69.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 210) }
```

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

```
.background{ background-color: rgb(255, 96,  
210) }
```

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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