

# Converting Colors

YIQ(161.1690, 52.8540, 55.3660)

Have a look what the booklet for  
YIQ(161.1690, 52.8540, 55.3660)  
contains.

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# Color

**YIQ(161.1690, 52.8540,  
55.3660)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F66FC5
RGB	246, 111, 197
RGB Percent	96%, 44%, 77%
CMY	0.0349, 0.5649, 0.2273
CMYK	0.00, 0.55, 0.20, 0.03
HSL	322°, 88%, 70%
HSV	322°, 55%, 97%
XYZ	53.8001, 34.9996, 56.7653
YIQ	161.1690, 52.8540, 55.3660

# Conversions

## Conversions Part 2

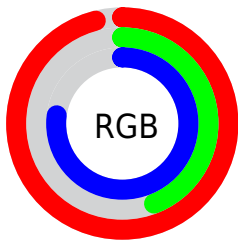
Format	Color
R <sub>YB</sub>	246, 111, 197
Decimal	16150469
CIE Lab	65.75, 61.24, -20.02
CIE LCh	66, 64.431, 341.895
Yxy	34.9996, 0.3696, 0.2404
Android (android.graphics.Color)	4294340549 (0xFFFF66FC5)
YUV	161.1690, 17.6647, 74.3968
Hunter-Lab	59.1604, 58.7959, -15.4773

# Details

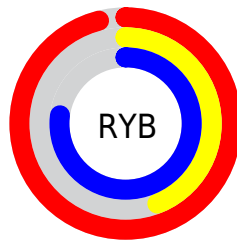
The YIQ color **161.1690, 52.8540, 55.3660** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **195.8310, -52.8540, -55.3660**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2300, 24.5210, 45.7130**, and **103.3260, 50.9740, 56.3980** is the 20% darker color. If you saturate the color by 10%, you get **145.4680, 62.6180, 65.6420**, and if you desaturate by 10%, it is **176.8700, 43.0900, 45.0900**.

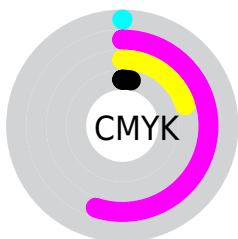
# Distribution



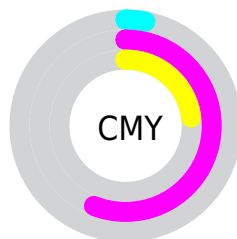
- Red (96%)
- Green (44%)
- Blue (77%)



- Red (96%)
- Yellow (44%)
- Blue (77%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (3%)




- Cyan (3%)
- Magenta (56%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 161.1690, 52.8540, 55.3660 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 161.1690, 52.8540, 55.3660 by changing the saturation by 10% instead.





 161.1690, 52.8540,  
55.3660


 161.1690, 52.8540,  
55.3660


255.0000, -0.0000,  
-0.0000

 132.6850, 51.3410,  
55.2530


 203.2300, 24.5210,  
45.7130


 103.3260, 50.9740,  
56.3980


 220.3670, 16.2250,  
30.8570

 69.3850, 52.4860,  
62.0380

 237.3900, 8.2500,  
15.6900

 49.1730, 47.0310,  
56.2710

 38.3640, 38.6430,  
43.0830

 27.3700, 29.3380,  
29.9940

 17.2020, 20.5830,

17.9510

■ 0.0000, 0.0000,  
0.0000

■ 161.1690, 52.8540,  
55.3660

■ 161.1690, 52.8540,  
55.3660

■ 145.4680, 62.6180,  
65.6420

■ 176.8700, 43.0900,  
45.0900

■ 130.3540, 72.1070,  
75.3950

■ 191.9840, 33.6010,  
35.3370

■ 114.6530, 81.8710,  
85.6710

■ 207.6850, 23.8370,  
25.0610

■ 99.5390, 91.3600,  
95.4240

■ 222.7990, 14.3480,  
15.3080

■ 91.4520, 96.2190,  
100.9790

■ 238.5000, 4.5840,  
5.0320

251.8530, -4.0800,  
-3.1520

252.3090, -5.3640,  
-1.9080

# Harmonies

## Analogous

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



164.1100, -1.3840, 47.1280



161.1690, 52.8540, 55.3660



153.7260, 78.4860, 42.3740

# Triad

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



161.1690, 52.8540, 55.3660



149.9200, 45.3980, -40.8260



135.4990, -126.6310, -23.3590

# Complementary

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



161.1690, 52.8540, 55.3660



195.8310, -52.8540, -55.3660

# 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.



130.5170, -109.8470, -41.1990



161.1690, 52.8540, 55.3660



142.9210, -9.0690, -50.4210

# Square

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



161.1690, 52.8540, 55.3660



154.4980, 76.8460, -16.0340



122.5030, -90.0370, -58.8130



132.3820, -130.2550, -12.7430



# Rectangle

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



161.1690, 52.8540, 55.3660



154.2040, 88.1630, 26.6830



122.5030, -90.0370, -58.8130



134.1480, -121.4490, -29.1690

# Sweetspot

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



161.1690, 52.8540, 55.3660



229.2230, 16.0900, 16.7780



140.4430, -15.3230, 51.9490



112.2990, 9.7640, 10.2760



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.



161.1690, 52.8540, 55.3660



149.4300, 65.7810, 68.8930



153.6450, 74.0400, 34.8400



114.5000, 4.5840, 5.0320



69.1800, 72.6570, 76.4410



21.8590, 23.2870, 24.0150



# Inverse Universe

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



161.1690, 52.8540, 55.3660



149.4300, 65.7810, 68.8930



203.3550, -74.0400, -34.8400



114.5000, 4.5840, 5.0320



69.1800, 72.6570, 76.4410

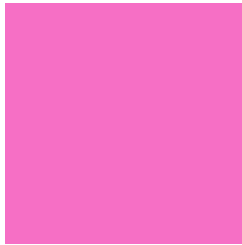


21.8590, 23.2870, 24.0150



# Previews

## White Background



This preview shows how the YIQ color 161.1690, 52.8540, 55.3660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

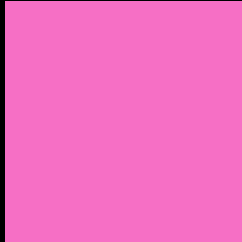
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 161.1690, 52.8540, 55.3660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

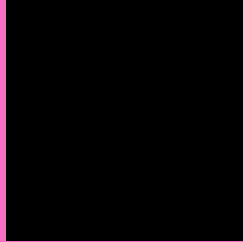
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 161.1690, 52.8540, 55.3660

## Background



This preview shows how black text looks on a background with the YIQ color 161.1690, 52.8540, 55.3660.



This preview shows how white text looks on a background with the YIQ color 161.1690, 52.8540,



# 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

161.1690, 52.8540, 55.3660

### Protanopia

159.7440, -36.5450, 18.0390

### Deuteranopia

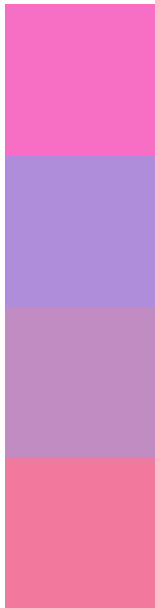
161.3710, -7.9340, 11.6340



## Tritanopia

160.4110, 65.6510, 27.1790

# Trichromacy



## Original Color

161.1690, 52.8540, 55.3660

## Protanomaly

160.3570, -4.1780, 31.6780

## Deuteranomaly

161.5900, 13.9790, 27.5070

## Tritanomaly

160.6960, 60.8350, 37.3710

# Monochromacy



## Original Color

161.1690, 52.8540, 55.3660

## Achromatopsia

161.0000, -0.0000, -0.0000

## Achromatomaly

161.1850, 19.2530, 20.0290

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 161.1690, 52.8540, 55.3660 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(246, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 197)  
}
```

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(246, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 197) }
```

## Border

The CSS property to change the border of an element to YIQ 161.1690, 52.8540, 55.3660 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(246, 111, 197) }
```



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

```
.border{ border-color:rgb(246, 111, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 111, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
197) }
```

# Background

The CSS property to change the background color of an element to YIQ 161.1690, 52.8540, 55.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 197) }
```

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

```
.background{ background-color: rgb(246,  
111, 197) }
```

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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