

Converting Colors

YIQ(157.6480, 61.9310, 61.5710)

Have a look what the booklet for
YIQ(157.6480, 61.9310, 61.5710)
contains.

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Color

**YIQ(157.6480, 61.9310,
61.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF65C2
RGB	255, 101, 194
RGB Percent	100%, 40%, 76%
CMY	0.0000, 0.6041, 0.2390
CMYK	0.00, 0.60, 0.24, 0.00
HSL	324°, 100%, 70%
HSV	324°, 60%, 100%
XYZ	55.6300, 34.4519, 54.7829
YIQ	157.6480, 61.9310, 61.5710

Conversions

Conversions Part 2

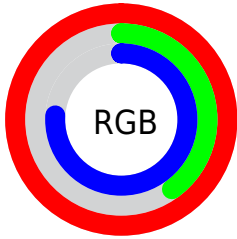
Format	Color
R _Y B	255, 101, 194
Decimal	16737730
CIE Lab	65.32, 67.73, -18.86
CIE LCh	65, 70.304, 344.435
Yxy	34.4519, 0.3840, 0.2378
Android (android.graphics.Color)	4294927810 (0xFFFF65C2)
YUV	157.6480, 17.9215, 85.3777
Hunter-Lab	58.6957, 66.4593, -14.2505

Details

The YIQ color **157.6480, 61.9310, 61.5710** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **198.3520, -61.9310, -61.5710**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.1920, 27.6840, 48.9640**, and **95.9840, 61.1050, 65.5290** is the 20% darker color. If you saturate the color by 10%, you get **141.2460, 72.2910, 72.0590**, and if you desaturate by 10%, it is **173.4630, 51.8460, 51.6060**.

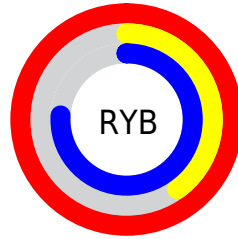
Distribution



Red (100%)

Green (40%)

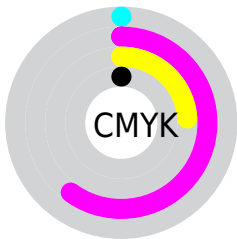
Blue (76%)



Red (100%)

Yellow (40%)

Blue (76%)

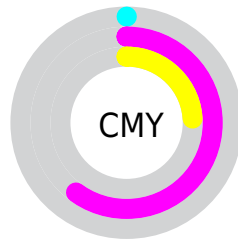


Cyan (0%)

Magenta (60%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.6480, 61.9310, 61.5710 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 157.6480, 61.9310, 61.5710 by changing the saturation by 10% instead.


 157.6480, 61.9310,
61.5710


 157.6480, 61.9310,
61.5710


255.0000, -0.0000,
-0.0000


 127.9900, 60.9680,
62.5040


 198.1920, 27.6840,
48.9640


 95.9840, 61.1050,
65.5290


 215.6710, 18.4250,
35.0410


 62.4450, 61.4250,
70.7450

 232.6940, 10.4500,
19.8740

 50.9240, 52.1660,
56.8220

 250.3040, 2.2000,
4.1840

 39.8160, 43.1820,
43.4220

 28.9360, 33.5560,
30.6440

 18.4690, 24.2050,

18.3890

■ 3.5880, 7.1520,
2.5440

■ 0.0000, 0.0000,
0.0000

■ 157.6480, 61.9310,
61.5710

■ 157.6480, 61.9310,
61.5710

■ 141.2460, 72.2910,
72.0590

■ 173.4630, 51.8460,
51.6060

■ 125.4310, 82.3760,
82.0240

■ 189.8650, 41.4860,
41.1180

■ 109.0290, 92.7360,
92.5120

■ 205.6800, 31.4010,
31.1530

■ 93.8010, 102.5460,
101.9540

■ 222.0820, 21.0410,
20.6650

237.8970, 10.9560,
10.7000

254.4130, 0.2750,
0.5230

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.



163.3220, 4.0710, 52.8950



157.6480, 61.9310, 61.5710



147.5310, 83.5290, 44.5930

Triad

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



157.6480, 61.9310, 61.5710



144.9940, 50.5810, -52.1630



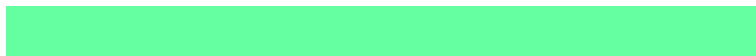
136.6390, -129.8410, -20.2490

Complementary

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



157.6480, 61.9310, 61.5710



198.3520, -61.9310, -61.5710

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.



131.7880, -112.0480, -39.8560



157.6480, 61.9310, 61.5710



138.0400, -16.9540, -56.2020

Square

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



157.6480, 61.9310, 61.5710



151.1640, 83.3580, -23.9220



123.0900, -90.3120, -59.3360



131.7950, -129.9800, -12.2200

Rectangle

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



157.6480, 61.9310, 61.5710



150.0150, 93.0690, 25.8770



123.0900, -90.3120, -59.3360



135.7610, -124.6130, -26.8930

Sweetspot

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



157.6480, 61.9310, 61.5710



225.9460, 18.4280, 18.4600



136.1970, -14.2700, 60.4020



109.6090, 11.8270, 11.4350



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.



157.6480, 61.9310, 61.5710



138.6700, 74.0330, 73.5290



149.0980, 86.0060, 38.2460



119.6850, 5.5010, 4.9330



70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Inverse Universe

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



157.6480, 61.9310, 61.5710



138.6700, 74.0330, 73.5290



206.9020, -86.0060, -38.2460



119.6850, 5.5010, 4.9330



70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 157.6480, 61.9310, 61.5710 looks on a white background.

Color Contrast Check

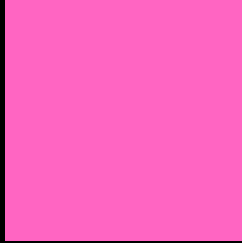
Large Text (above 18pt) WCAG AA × Fail

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 157.6480, 61.9310, 61.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

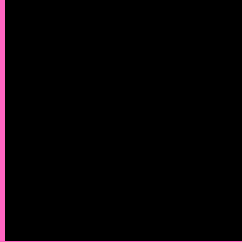
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.6480, 61.9310, 61.5710

Background



This preview shows how black text looks on a background with the YIQ color 157.6480, 61.9310, 61.5710.



This preview shows how white text looks on a background with the YIQ color 157.6480, 61.9310,

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

157.6480, 61.9310, 61.5710

Protanopia

158.1290, -39.0670, 19.6930

Deuteranopia

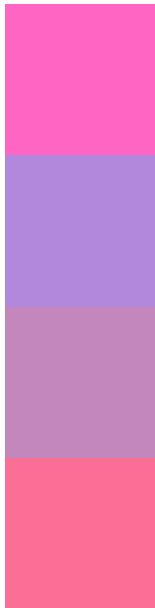
160.3280, -6.3750, 10.9130



Tritanopia

157.3800, 76.1040, 30.4720

Trichromacy



Original Color

157.6480, 61.9310, 61.5710

Protanomaly

157.8350, -2.5280, 34.8160

Deuteranomaly

159.0960, 18.4260, 29.5140

Tritanomaly

157.3060, 70.9210, 41.8090

Monochromacy



Original Color

157.6480, 61.9310, 61.5710

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6200, 22.4620, 22.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6480, 61.9310, 61.5710 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, 101, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 194)  
}
```

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, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 194) }
```

Border

The CSS property to change the border of an element to YIQ 157.6480, 61.9310, 61.5710 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, 101, 194) }
```


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

```
.border{ border-color:rgb(255, 101, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6480, 61.9310, 61.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 194) }
```

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

```
.background{ background-color: rgb(255,  
101, 194) }
```

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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