

Converting Colors

YIQ(158.5600, 59.3630, 64.0590)

Have a look what the booklet for
YIQ(158.5600, 59.3630, 64.0590)
contains.

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Color

**YIQ(158.5600, 59.3630,
64.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF65CA
RGB	255, 101, 202
RGB Percent	100%, 40%, 79%
CMY	0.0000, 0.6041, 0.2077
CMYK	0.00, 0.60, 0.21, 0.00
HSL	321°, 100%, 70%
HSV	321°, 60%, 100%
XYZ	56.5528, 34.8210, 59.6425
YIQ	158.5600, 59.3630, 64.0590

Conversions

Conversions Part 2

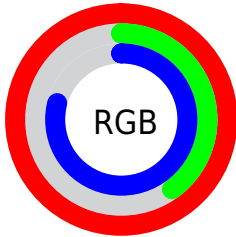
Format	Color
R _Y B	255, 101, 202
Decimal	16737738
CIE Lab	65.61, 68.78, -22.94
CIE LCh	66, 72.502, 341.557
Yxy	34.8210, 0.3745, 0.2306
Android (android.graphics.Color)	4294927818 (0xFFFF65CA)
YUV	158.5600, 21.4159, 84.5779
Hunter-Lab	59.0093, 67.8029, -18.6196

Details

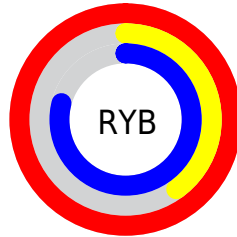
The YIQ color **158.5600, 59.3630, 64.0590** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **197.4400, -59.3630, -64.0590**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 26.4000, 50.2080**, and **96.3090, 58.8120, 68.5400** is the 20% darker color. If you saturate the color by 10%, you get **142.2720, 69.4020, 74.8580**, and if you desaturate by 10%, it is **174.2610, 49.5990, 53.7830**.

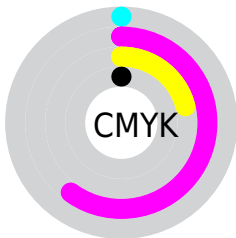
Distribution



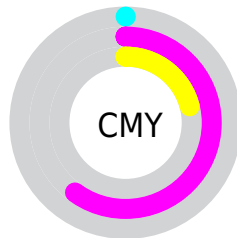
- Red (100%)
- Green (40%)
- Blue (79%)



- Red (100%)
- Yellow (40%)
- Blue (79%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.5600, 59.3630, 64.0590 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 158.5600, 59.3630, 64.0590 by changing the saturation by 10% instead.


 158.5600, 59.3630,
64.0590


 158.5600, 59.3630,
64.0590


255.0000, -0.0000,
-0.0000


 128.9020, 58.4000,
64.9920


 198.6480, 26.4000,
50.2080

 96.3090, 58.8120,
68.5400


 215.6710, 18.4250,
35.0410


 63.2430, 59.1780,
72.9220

 232.6940, 10.4500,
19.8740

 51.7220, 49.9190,
58.9990

 250.3040, 2.2000,
4.1840

 40.6140, 40.9350,
45.5990

 29.6200, 31.6300,
32.5100

 19.1530, 22.2790,

20.2550

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 158.5600, 59.3630,
64.0590

■ 158.5600, 59.3630,
64.0590

■ 142.2720, 69.4020,
74.8580

■ 174.2610, 49.5990,
53.7830

■ 126.6850, 78.8450,
85.4450

■ 190.5490, 39.5600,
42.9840

■ 110.3970, 88.8840,
96.2440

■ 206.1360, 30.1170,
32.3970

■ 95.2830, 98.3730,
105.9970

■ 222.4240, 20.0780,
21.5980

■ 238.1250, 10.3140,
11.3220

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.



163.3860, -1.9810, 52.4430



158.5600, 59.3630, 64.0590



145.8670, 82.7030, 48.5510

Triad

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



158.5600, 59.3630, 64.0590



146.2010, 54.4320, -50.3680



137.5850, -129.7490, -21.9170

Complementary

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



158.5600, 59.3630, 64.0590



197.4400, -59.3630, -64.0590

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.



131.9190, -111.0390, -41.6230



158.5600, 59.3630, 64.0590



139.1070, -9.8930, -57.5170

Square

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



158.5600, 59.3630, 64.0590



151.1540, 89.3180, -21.8020



122.9930, -88.6610, -61.7250



133.5560, -130.8050, -13.7890

Rectangle

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



158.5600, 59.3630, 64.0590



148.1230, 92.8850, 29.2130



122.9930, -88.6610, -61.7250



136.1200, -124.2460, -28.0380

Sweetspot

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



158.5600, 59.3630, 64.0590



226.1740, 17.7860, 19.0820



133.8050, -19.0380, 58.7060



109.8370, 11.1850, 12.0570



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.



158.5600, 59.3630, 64.0590



139.8100, 70.8230, 76.6390



150.0100, 83.4380, 40.7340



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Inverse Universe

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



158.5600, 59.3630, 64.0590



139.8100, 70.8230, 76.6390



205.9900, -83.4380, -40.7340



119.7990, 5.1800, 5.2440



71.4730, 73.3900, 79.6780



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 158.5600, 59.3630, 64.0590 looks on a white background.

Color Contrast Check

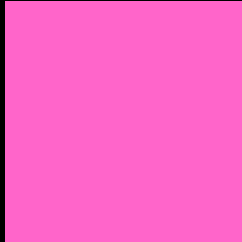
Large Text (above 18pt) WCAG AA × Fail

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 158.5600, 59.3630, 64.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

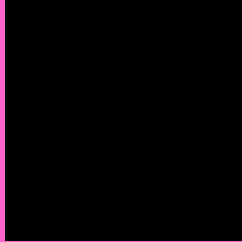
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.5600, 59.3630, 64.0590

Background



This preview shows how black text looks on a background with the YIQ color 158.5600, 59.3630, 64.0590.



This preview shows how white text looks on a background with the YIQ color 158.5600, 59.3630,

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

158.5600, 59.3630, 64.0590

Protanopia

158.5460, -44.6150, 21.1210

Deuteranopia

160.8160, -10.6850, 11.9310



Tritanopia

158.4830, 74.3160, 29.8360

Trichromacy



Original Color

158.5600, 59.3630, 64.0590



Protanomaly

158.8500, -6.8840, 36.6680



Deuteranomaly

159.8830, 14.7120, 30.7440



Tritanomaly

158.3490, 69.3620, 42.5300

Monochromacy



Original Color

158.5600, 59.3630, 64.0590



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.9620, 21.4990, 23.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5600, 59.3630, 64.0590 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 202) }
```

Border

The CSS property to change the border of an element to YIQ 158.5600, 59.3630, 64.0590 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, 202) }
```


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

```
.border{ border-color:rgb(255, 101, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5600, 59.3630, 64.0590 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
101, 202) }
```

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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