

Converting Colors

YIQ(153.7400, 58.6760, 59.9880)

Have a look what the booklet for
YIQ(153.7400, 58.6760, 59.9880)
contains.

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Color

**YIQ(153.7400, 58.6760,
59.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	F763BF
RGB	247, 99, 191
RGB Percent	97%, 39%, 75%
CMY	0.0310, 0.6120, 0.2508
CMYK	0.00, 0.60, 0.23, 0.03
HSL	323°, 90%, 68%
HSV	323°, 60%, 97%
XYZ	52.2591, 32.4685, 52.8267
YIQ	153.7400, 58.6760, 59.9880

Conversions

Conversions Part 2

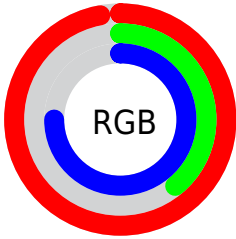
Format	Color
R _Y B	247, 99, 191
Decimal	16212927
CIE Lab	63.73, 65.96, -19.69
CIE LCh	64, 68.838, 343.377
Yxy	32.4685, 0.3799, 0.2360
Android (android.graphics.Color)	4294403007 (0xFFFF763BF)
YUV	153.7400, 18.3692, 81.7890
Hunter-Lab	56.9811, 63.9907, -15.0804

Details

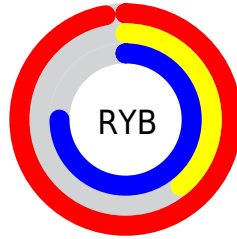
The YIQ color **153.7400, 58.6760, 59.9880** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.2600, -58.6760, -59.9880**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9750, 29.7930, 49.2890**, and **92.6630, 57.5750, 63.4230** is the 20% darker color. If you saturate the color by 10%, you get **138.0390, 68.4400, 70.2640**, and if you desaturate by 10%, it is **169.4410, 48.9120, 49.7120**.

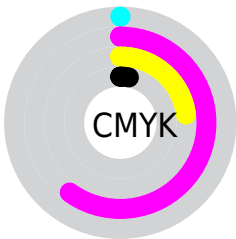
Distribution



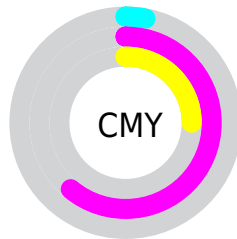
- Red (97%)
- Green (39%)
- Blue (75%)



- Red (97%)
- Yellow (39%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.7400, 58.6760, 59.9880 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 153.7400, 58.6760, 59.9880 by changing the saturation by 10% instead.


 153.7400, 58.6760,
59.9880


 153.7400, 58.6760,
59.9880


255.0000, -0.0000,
-0.0000


 124.0820, 57.7130,
60.9210


 196.0890, 29.4720,
49.6000

 92.6630, 57.5750,
63.4230


 213.9100, 19.2500,
36.6100


 60.0100, 58.2160,
68.3280

 230.9330, 11.2750,
21.4430

 48.4890, 48.9570,
54.4050

 248.5430, 3.0250,
5.7530

 37.4950, 39.6520,
41.3160

 26.9140, 30.6220,
28.7500

 16.0340, 20.9960,

15.9720

■ 0.0000, 0.0000,
0.0000

■ 153.7400, 58.6760,
59.9880

■ 153.7400, 58.6760,
59.9880

■ 138.0390, 68.4400,
70.2640

■ 169.4410, 48.9120,
49.7120

■ 122.8110, 78.2500,
79.7060

■ 184.6690, 39.1020,
40.2700

■ 107.1100, 88.0140,
89.9820

■ 200.3700, 29.3380,
29.9940

■ 91.4090, 97.7780,
100.2580

■ 216.0710, 19.5740,
19.7180

■ 231.2990, 9.7640,
10.2760

■ 247.0000, -0.0000,
-0.0000

■ 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



158.5990, 1.7330, 51.2130



153.7400, 58.6760, 59.9880



145.5420, 84.9960, 45.5400

Triad

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



153.7400, 58.6760, 59.9880



141.4610, 50.7640, -49.9720



132.7920, -125.8980, -20.1220

Complementary

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



153.7400, 58.6760, 59.9880



192.2600, -58.6760, -59.9880

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.



128.0550, -108.4260, -39.4180



153.7400, 58.6760, 59.9880



134.9480, -13.6990, -54.6190

Square

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



153.7400, 58.6760, 59.9880



147.1470, 82.0280, -21.8440



119.5850, -87.3320, -58.2760



129.4470, -128.8800, -10.1280

Rectangle

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



153.7400, 58.6760, 59.9880



147.5530, 94.4900, 27.6580



119.5850, -87.3320, -58.2760



131.9140, -120.6700, -26.7660

Sweetspot

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



153.7400, 58.6760, 59.9880



226.0600, 18.1070, 18.7710



132.0180, -15.3240, 57.4760



109.7230, 11.5060, 11.7460



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.



153.7400, 58.6760, 59.9880



139.1260, 72.7490, 74.7730



145.5320, 81.7880, 37.5960



114.5000, 4.5840, 5.0320



68.8380, 73.6200, 75.5080



21.7450, 23.6080, 23.7040

Inverse Universe

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



153.7400, 58.6760, 59.9880



139.1260, 72.7490, 74.7730



200.4680, -81.7880, -37.5960



114.5000, 4.5840, 5.0320



68.8380, 73.6200, 75.5080



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 153.7400, 58.6760, 59.9880 looks on a white background.

Color Contrast Check

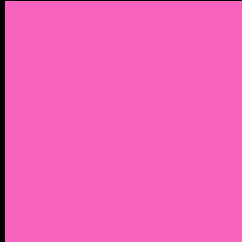
Large Text (above 18pt) WCAG AA × Fail

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 153.7400, 58.6760, 59.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

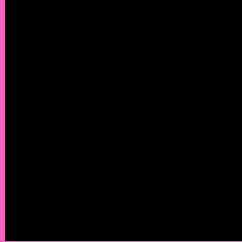
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.7400, 58.6760, 59.9880

Background



This preview shows how black text looks on a background with the YIQ color 153.7400, 58.6760, 59.9880.



This preview shows how white text looks on a background with the YIQ color 153.7400, 58.6760,

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

153.7400, 58.6760, 59.9880

Protanopia

153.7160, -39.3420, 19.1700

Deuteranopia

156.1430, -7.2920, 11.0120



Tritanopia

153.5860, 72.5280, 29.2000

Trichromacy



Original Color

153.7400, 58.6760, 59.9880



Protanomaly

153.8240, -3.9950, 33.8690



Deuteranomaly

155.1990, 16.6380, 28.8780



Tritanomaly

153.5120, 67.3450, 40.5370

Monochromacy



Original Color

153.7400, 58.6760, 59.9880



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

153.9080, 21.5910, 21.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7400, 58.6760, 59.9880 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(247, 99, 191)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 191)  
}
```

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(247, 99, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 191) }
```

Border

The CSS property to change the border of an element to YIQ 153.7400, 58.6760, 59.9880 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(247, 99, 191) }
```


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

```
.border{ border-color:rgb(247, 99, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 99, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 99, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 99, 191); box-shadow:4px 4px 4px 4px rgb(247, 99, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7400, 58.6760, 59.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 191) }
```

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

```
.background{ background-color: rgb(247, 99,  
191) }
```

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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