

Converting Colors

YIQ(156.9530, 62.3900, 58.7580)

Have a look what the booklet for
YIQ(156.9530, 62.3900, 58.7580)
contains.

YIQ(156.9530, 62.3900, 58.7580)	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(156.9530, 62.3900,
58.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	FD66BC
RGB	253, 102, 188
RGB Percent	99%, 40%, 74%
CMY	0.0074, 0.6002, 0.2626
CMYK	0.00, 0.60, 0.26, 0.01
HSL	326°, 98%, 70%
HSV	326°, 60%, 99%
XYZ	54.3736, 34.0256, 51.3048
YIQ	156.9530, 62.3900, 58.7580

Conversions

Conversions Part 2

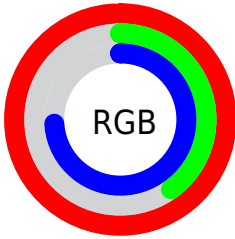
Format	Color
R _{YB}	253, 102, 188
Decimal	16606908
CIE _{Lab}	64.98, 66.00, -16.01
CIE _{LCh}	65, 67.917, 346.370
Yxy	34.0256, 0.3892, 0.2436
Android (android.graphics.Color)	4294796988 (0xFFFD66BC)
YUV	156.9530, 15.3062, 84.2332
Hunter-Lab	58.3314, 64.3086, -11.3159

Details

The YIQ color **156.9530, 62.3900, 58.7580** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **198.0470, -62.3900, -58.7580**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.3940, 29.9310, 46.7870**, and **95.9900, 60.9680, 62.5040** is the 20% darker color. If you saturate the color by 10%, you get **141.0240, 72.7960, 68.4120**, and if you desaturate by 10%, it is **172.8820, 51.9840, 49.1040**.

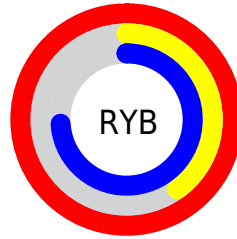
Distribution



Red (99%)

Green (40%)

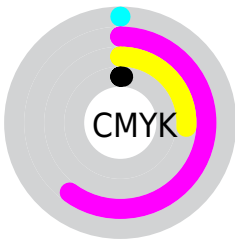
Blue (74%)



Red (99%)

Yellow (40%)

Blue (74%)

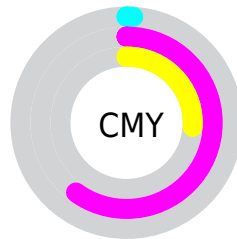


Cyan (0%)

Magenta (60%)

Yellow (26%)

Black (1%)



Cyan (1%)

Magenta (60%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.9530, 62.3900, 58.7580 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 156.9530, 62.3900, 58.7580 by changing the saturation by 10% instead.

156.9530, 62.3900,
58.7580

156.9530, 62.3900,
58.7580

255.0000, -0.0000,
-0.0000

127.2950, 61.4270,
59.6910

197.3940, 29.9310,
46.7870

95.9900, 60.9680,
62.5040

215.6710, 18.4250,
35.0410

61.1630, 62.1590,
68.4550

233.2810, 10.1750,
19.3510

49.7560, 52.5790,
54.8430

250.3040, 2.2000,
4.1840

38.7620, 43.2740,
41.7540

27.8820, 33.6480,
28.9760

17.3010, 24.6180,

16.4100

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,
0.0000

■ 156.9530, 62.3900,
58.7580

■ 156.9530, 62.3900,
58.7580

■ 141.0240, 72.7960,
68.4120

■ 172.8820, 51.9840,
49.1040

■ 124.5080, 83.4770,
78.5890

■ 189.3980, 41.3030,
38.9270

■ 108.5790, 93.8830,
88.2430

■ 205.3270, 30.8970,
29.2730

■ 92.6500, 104.2890,
97.8970

■ 221.2560, 20.4910,
19.6190

■ 92.0630, 104.5640,
98.4200

■ 237.1850, 10.0850,
9.9650

■ 253.5870, -0.2750,
-0.5230

■ 254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



161.9480, 8.0600, 52.1880



156.9530, 62.3900, 58.7580



148.8360, 83.9880, 41.7800

Triad

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



156.9530, 62.3900, 58.7580



145.3230, 42.4650, -48.2470



135.3510, -128.9700, -19.5140

Complementary

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



156.9530, 62.3900, 58.7580



198.0470, -62.3900, -58.7580

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.



130.8420, -112.1400, -38.1880



156.9530, 62.3900, 58.7580



136.9410, -20.9890, -54.6610

Square

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



156.9530, 62.3900, 58.7580



150.8260, 78.4980, -23.9500



122.4860, -91.3670, -56.7350



130.0340, -129.1550, -10.6510

Rectangle

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



156.9530, 62.3900, 58.7580



151.5480, 92.8860, 23.6860



122.4860, -91.3670, -56.7350



134.5870, -124.0630, -25.8470

Sweetspot

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



156.9530, 62.3900, 58.7580



225.7180, 19.0700, 17.8380



138.0510, -10.9230, 60.3170



109.4950, 12.1480, 11.1240



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.



156.9530, 62.3900, 58.7580



137.9860, 75.9590, 71.6630



148.6310, 85.8230, 36.0550



119.6850, 5.5010, 4.9330



69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Inverse Universe

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



156.9530, 62.3900, 58.7580



137.9860, 75.9590, 71.6630



206.4830, -86.1440, -35.7440



119.6850, 5.5010, 4.9330



69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 156.9530, 62.3900, 58.7580 looks on a white background.

Color Contrast Check

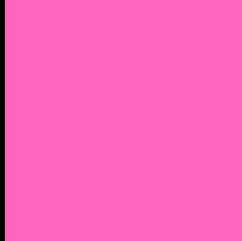
Large Text (above 18pt) WCAG AA × Fail

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 156.9530, 62.3900, 58.7580 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 156.9530, 62.3900, 58.7580

Background



This preview shows how black text looks on a background with the YIQ color 156.9530, 62.3900, 58.7580.



This preview shows how white text looks on a background with the YIQ color 156.9530, 62.3900,

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

156.9530, 62.3900, 58.7580

Protanopia

158.0000, -34.3900, 17.5300

Deuteranopia

159.6550, -2.9820, 9.9940



Tritanopia

157.0810, 75.5080, 30.2600

Trichromacy



Original Color

156.9530, 62.3900, 58.7580



Protanomaly

157.5210, 1.2320, 32.7520



Deuteranomaly

158.7110, 20.9480, 27.8600



Tritanomaly

157.3660, 70.6920, 40.4520

Monochromacy



Original Color

156.9530, 62.3900, 58.7580



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

156.9790, 22.8290, 21.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.9530, 62.3900, 58.7580 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(253, 102, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 102, 188)  
}
```

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(253, 102, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 102, 188) }
```

Border

The CSS property to change the border of an element to YIQ 156.9530, 62.3900, 58.7580 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(253, 102, 188) }
```


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

```
.border{ border-color:rgb(253, 102, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 102, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 102, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 102, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 102,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 156.9530, 62.3900, 58.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 102, 188) }
```

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

```
.background{ background-color: rgb(253,  
102, 188) }
```

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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