

Converting Colors

YIQ(100.0240, 0.5930, 16.7930)

Have a look what the booklet for
YIQ(100.0240, 0.5930, 16.7930)
contains.

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Color

**YIQ(100.0240, 0.5930,
16.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5980
RGB	111, 89, 128
RGB Percent	44%, 35%, 50%
CMY	0.5646, 0.6510, 0.4981
CMYK	0.13, 0.30, 0.00, 0.50
HSL	274°, 18%, 43%
HSV	274°, 30%, 50%
XYZ	14.0254, 12.0823, 22.0125
YIQ	100.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

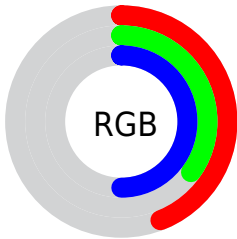
Format	Color
R _Y B	111, 89, 128
Decimal	7297408
CIE Lab	41.35, 17.03, -18.51
CIE LCh	41, 25.154, 312.626
Yxy	12.0823, 0.2915, 0.2511
Android (android.graphics.Color)	4285487488 (0xFF6F5980)
YUV	100.0240, 13.7922, 9.6260
Hunter-Lab	34.7597, 11.1949, -13.2153

Details

The YIQ color $100.0240, 0.5930, 16.7930$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $116.9760, -0.5930, -16.7930$, and the grayscale version is $100.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $150.9640, 0.8220, 18.1500$, and $53.0840, 0.3640, 15.4360$ is the 20% darker color. If you saturate the color by 10%, you get $90.5990, 0.5920, 22.3200$, and if you desaturate by 10%, it is $109.4490, 0.5940, 11.2660$.

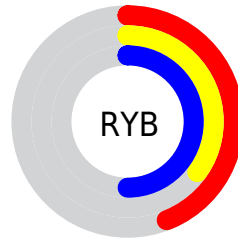
Distribution



Red (44%)

Green (35%)

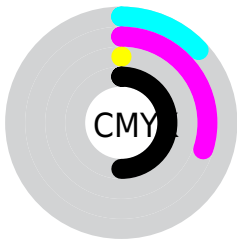
Blue (50%)



Red (44%)

Yellow (35%)

Blue (50%)

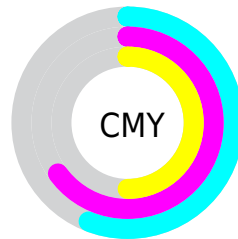


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.0240, 0.5930, 16.7930 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 100.0240, 0.5930, 16.7930 by changing the saturation by 10% instead.

100.0240, 0.5930,
16.7930

100.0240, 0.5930,
16.7930

255.0000, -0.0000,
-0.0000

75.6110, 0.3180,
16.2700

150.9640, 0.8220,
18.1500

53.0840, 0.3640,
15.4360

178.0780, 0.5010,
18.4610

31.2580, -0.1860,
14.3900

205.4910, 0.7760,
18.9840

10.4540, 2.1980,
15.2380

232.6500, 4.5820,
16.0860

1.0260, -2.8890,
2.7990

251.4780, 1.6500,
3.1380

0.0000, 0.0000,
0.0000

■ 100.0240, 0.5930,
16.7930

■ 100.0240, 0.5930,
16.7930

■ 90.5990, 0.5920,
22.3200

■ 109.4490, 0.5940,
11.2660

■ 81.4730, 1.1870,
28.0590

■ 118.5750, -0.0010,
5.5270

■ 72.6350, 0.9110,
33.0630

■ 127.4130, 0.2750,
0.5230

■ 63.5090, 1.5060,
38.8020

■ 136.5390, -0.3200,
-5.2160

■ 54.0840, 1.5050,
44.3290

■ 145.9640, -0.3190,
-10.7430

■ 44.9580, 2.1000,
50.0680

■ 155.0900, -0.9140,
-16.4820

■ 36.1200, 1.8240,
55.0720

■ 164.5150, -0.9130,
-22.0090

■ 173.3530, -0.6370,

-27.0130

■ 182.4790, -1.2320,
-32.7520

Harmonies

Analogous

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



97.1890, -22.1010, 9.5710



100.0240, 0.5930, 16.7930



100.1310, 19.3450, 18.3610

Triad

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



100.0240, 0.5930, 16.7930



97.0940, 28.7940, -4.2140



83.2430, -49.6970, -18.9530

Complementary

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



100.0240, 0.5930, 16.7930



116.9760, -0.5930, -16.7930

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.



89.2320, -24.8010, -18.6010



100.0240, 0.5930, 16.7930



95.4080, 15.8660, -12.2140

Square

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



100.0240, 0.5930, 16.7930



98.0550, 33.6980, 6.0340



92.4920, -2.1060, -16.9060



80.3480, -62.9940, -14.7540

Rectangle

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



100.0240, 0.5930, 16.7930



99.4540, 28.5610, 16.5370



92.4920, -2.1060, -16.9060



85.4350, -41.4900, -19.0100

Sweetspot

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



100.0240, 0.5930, 16.7930



155.1020, -0.0470, 6.3610



104.0120, -17.4690, 2.7150



77.5210, 0.0910, 3.8590



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



100.0240, 0.5930, 16.7930



121.5330, 0.9580, 26.7020



104.8790, 11.3670, 19.7750



58.9940, 0.1370, 3.0250



36.1200, 1.8240, 55.0720



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.5990, 17.7870, 13.5550



125.6160, 28.2850, 21.5410



112.1210, -11.3670, -19.7750



59.4350, 3.2090, 2.4170



44.5420, 58.6330, 44.2410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 100.0240, 0.5930, 16.7930 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 100.0240, 0.5930, 16.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

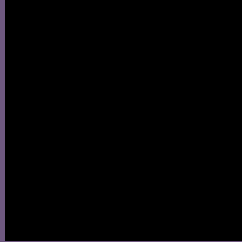
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.0240, 0.5930, 16.7930

Background



This preview shows how black text looks on a background with the YIQ color 100.0240, 0.5930, 16.7930.



This preview shows how white text looks on a background with the YIQ color 100.0240, 0.5930,

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

100.0240, 0.5930, 16.7930

Protanopia

97.6410, -17.5620, 9.9100

Deuteranopia

98.3380, -12.3350, 8.7930



Tritanopia

98.7990, 5.1800, 5.2440

Trichromacy



Original Color

100.0240, 0.5930, 16.7930

Protanomaly

98.3430, -10.7310, 12.7650

Deuteranomaly

98.6700, -7.3380, 11.8460

Tritanomaly

98.9500, 3.4370, 9.3010

Monochromacy



Original Color

100.0240, 0.5930, 16.7930

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9880, 0.2740, 6.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.0240, 0.5930, 16.7930 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(111, 89, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 89, 128)  
}
```

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(111, 89, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 89, 128) }
```

Border

The CSS property to change the border of an element to YIQ 100.0240, 0.5930, 16.7930 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(111, 89, 128) }
```


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

```
.border{ border-color:rgb(111, 89, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 89, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 89, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 89, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 89,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 100.0240, 0.5930, 16.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 89, 128) }
```

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

```
.background{ background-color: rgb(111, 89,  
128) }
```

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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