

Converting Colors

YIQ(119.0240, 0.5930, 16.7930)

Have a look what the booklet for
YIQ(119.0240, 0.5930, 16.7930)
contains.

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Color

**YIQ(119.0240, 0.5930,
16.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	826C93
RGB	130, 108, 147
RGB Percent	51%, 42%, 58%
CMY	0.4901, 0.5765, 0.4236
CMYK	0.12, 0.27, 0.00, 0.42
HSL	274°, 15%, 50%
HSV	274°, 27%, 58%
XYZ	19.8364, 17.5769, 29.9480
YIQ	119.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

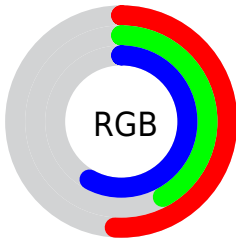
Format	Color
R_{YB}	130, 108, 147
Decimal	8547475
CIE _{Lab}	48.98, 16.50, -18.03
CIE _{LCh}	49, 24.444, 312.458
Yxy	17.5769, 0.2945, 0.2609
Android (android.graphics.Color)	4286737555 (0xFF826C93)
YUV	119.0240, 13.7922, 9.6260
Hunter-Lab	41.9248, 11.0874, -13.0050

Details

The YIQ color **119.0240, 0.5930, 16.7930** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.9760, -0.5930, -16.7930**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5510, 0.5470, 17.6270**, and **70.0840, 0.3640, 15.4360** is the 20% darker color. If you saturate the color by 10%, you get **108.4250, 1.1420, 23.3660**, and if you desaturate by 10%, it is **129.6230, 0.0440, 10.2200**.

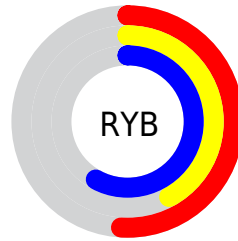
Distribution



Red (51%)

Green (42%)

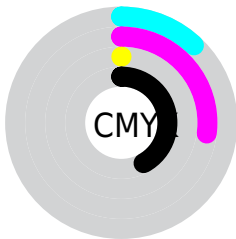
Blue (58%)



Red (51%)

Yellow (42%)

Blue (58%)

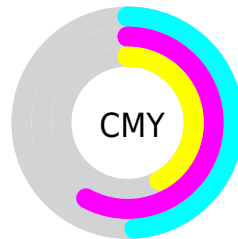


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (49%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0240, 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 119.0240, 0.5930, 16.7930 by changing the saturation by 10% instead.

 119.0240, 0.5930,
16.7930

 119.0240, 0.5930,
16.7930

255.0000, -0.0000,
-0.0000

 94.4970, 0.6390,
15.9590


 171.5510, 0.5470,
17.6270


 70.0840, 0.3640,
15.4360


 198.9640, 0.8220,
18.1500

 47.5570, 0.4100,
14.6020

 226.4480, 2.3350,
18.2630

 26.4320, -0.7360,
13.3440

 247.9560, 3.3000,
6.2760

 6.8940, -2.1570,
11.5630

 0.0000, 0.0000,
0.0000

■ 119.0240, 0.5930,
16.7930

■ 119.0240, 0.5930,
16.7930

■ 108.4250, 1.1420,
23.3660

■ 129.6230, 0.0440,
10.2200

■ 98.1140, 0.8200,
29.2040

■ 139.9340, 0.3660,
4.3820

■ 87.5150, 1.3690,
35.7770

■ 150.5330, -0.1830,
-2.1910

■ 76.6170, 1.3220,
42.1380

■ 161.4310, -0.1360,
-8.5520

■ 66.0180, 1.8710,
48.7110

■ 171.4430, -0.4100,
-14.6020

■ 56.0060, 2.1450,
54.7610

■ 182.0420, -0.9590,
-21.1750

■ 45.1080, 2.0980,
61.1220

■ 192.9400, -0.9120,
-27.5360

■ 41.5750, 2.2810,

■ 203.5390, -1.4610,

63.3130

-34.1090

 213.8500, -1.1390,
-39.9470

Harmonies

Analogous

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



115.9010, -21.2300, 10.3060



119.0240, 0.5930, 16.7930



119.1310, 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.



119.0240, 0.5930, 16.7930



116.0940, 28.7940, -4.2140



104.9340, -44.3330, -17.0450

Complementary

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



119.0240, 0.5930, 16.7930



135.9760, -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.



108.4170, -23.8840, -18.7000



119.0240, 0.5930, 16.7930



114.4080, 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.



119.0240, 0.5930, 16.7930



117.2400, 34.6150, 5.9350



111.4920, -2.1060, -16.9060



104.7300, -52.2660, -10.9380

Rectangle

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



119.0240, 0.5930, 16.7930



119.0410, 28.2860, 16.0140



111.4920, -2.1060, -16.9060



106.1150, -37.5930, -18.0490

Sweetspot

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



119.0240, 0.5930, 16.7930



180.4010, 0.5490, 6.5730



123.0120, -17.4690, 2.7150



89.9340, 0.3660, 4.3820



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



119.0240, 0.5930, 16.7930



147.4190, 1.2790, 26.3910



123.8790, 11.3670, 19.7750



68.9940, 0.1370, 3.0250



39.0540, 2.1900, 59.4540



2.9340, 0.3660, 4.3820

Inverse Universe

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



121.5990, 17.7870, 13.5550



151.3170, 27.6890, 21.3290



131.1210, -11.3670, -19.7750



69.4350, 3.2090, 2.4170



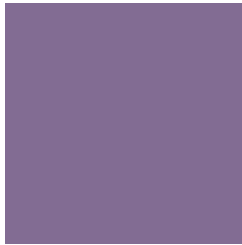
48.1020, 62.9880, 47.9160



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 119.0240, 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 119.0240, 0.5930, 16.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

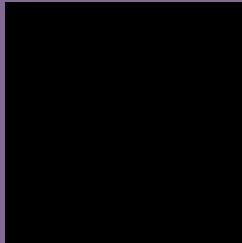
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0240, 0.5930, 16.7930

Background



This preview shows how black text looks on a background with the YIQ color 119.0240, 0.5930, 16.7930.



This preview shows how white text looks on a background with the YIQ color 119.0240, 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

119.0240, 0.5930, 16.7930

Protanopia

116.8260, -16.6450, 9.8110

Deuteranopia

117.3490, -10.8680, 9.7400



Tritanopia

117.9130, 4.8590, 5.5550

Trichromacy



Original Color

119.0240, 0.5930, 16.7930

Protanomaly

117.2290, -10.4100, 12.4540

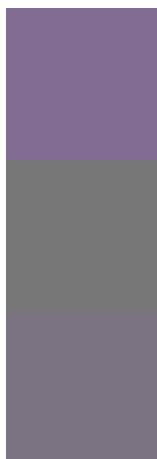
Deuteranomaly

117.9690, -6.7420, 12.0580

Tritanomaly

118.0640, 3.1160, 9.6120

Monochromacy



Original Color

119.0240, 0.5930, 16.7930

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9880, 0.2740, 6.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0240, 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(130, 108, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 108, 147)  
}
```

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(130, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 108, 147) }
```

Border

The CSS property to change the border of an element to YIQ 119.0240, 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(130, 108, 147) }
```


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

```
.border{ border-color:rgb(130, 108, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 108, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 108,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0240, 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(130, 108, 147) }
```

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

```
.background{ background-color: rgb(130,  
108, 147) }
```

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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