

Converting Colors

YIQ(115.9060, 6.7370, 15.5770)

Have a look what the booklet for
YIQ(115.9060, 6.7370, 15.5770)
contains.

YIQ(115.9060, 6.7370, 15.5770)	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(115.9060, 6.7370,
15.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	846887
RGB	132, 104, 135
RGB Percent	52%, 41%, 53%
CMY	0.4823, 0.5922, 0.4706
CMYK	0.02, 0.23, 0.00, 0.47
HSL	294°, 13%, 47%
HSV	294°, 23%, 53%
XYZ	18.8415, 16.5549, 25.1243
YIQ	115.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

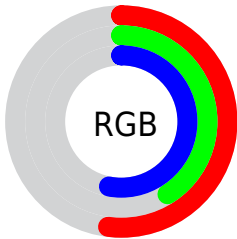
Format	Color
R_{YB}	132, 104, 135
Decimal	8677511
CIE _{Lab}	47.69, 16.99, -12.85
CIE _{LCh}	48, 21.308, 322.899
Yxy	16.5549, 0.3113, 0.2735
Android (android.graphics.Color)	4286867591 (0xFF846887)
YUV	115.9060, 9.4133, 14.1144
Hunter-Lab	40.6877, 11.4557, -8.1297

Details

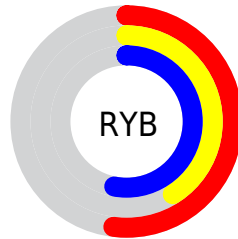
The YIQ color **115.9060, 6.7370, 15.5770** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.0940, -6.7370, -15.5770**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7320, 7.2870, 16.6230**, and **67.6670, 5.9120, 14.0080** is the 20% darker color. If you saturate the color by 10%, you get **107.3890, 9.9910, 22.6870**, and if you desaturate by 10%, it is **123.8360, 3.7580, 8.9900**.

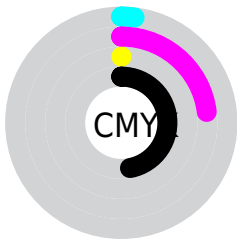
Distribution



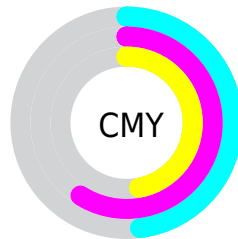
- Red (52%)
- Green (41%)
- Blue (53%)



- Red (52%)
- Yellow (41%)
- Blue (53%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.9060, 6.7370, 15.5770 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 115.9060, 6.7370, 15.5770 by changing the saturation by 10% instead.

 115.9060, 6.7370,
15.5770


 115.9060, 6.7370,
15.5770

255.0000, -0.0000,
-0.0000

 91.4930, 6.4620,
15.0540

 167.7320, 7.2870,
16.6230


 67.6670, 5.9120,
14.0080


 195.1450, 7.5620,
17.1460

 45.2540, 5.6370,
13.4850

 223.5580, 7.8370,
17.6690

 23.5420, 4.7660,
12.7500

 245.0210, 4.6750,
8.8910

 4.5580, -1.3310,
7.6050

 0.0000, 0.0000,
0.0000

■ 115.9060, 6.7370,
15.5770

■ 115.9060, 6.7370,
15.5770

■ 107.3890, 9.9910,
22.6870

■ 123.8360, 3.7580,
8.9900

■ 99.1600, 12.3740,
29.0620

■ 132.6520, 1.1000,
2.0920

■ 90.6430, 15.6280,
36.1720

■ 140.5820, -1.8790,
-4.4950

■ 82.7130, 18.6070,
42.7590

■ 149.0990, -5.1330,
-11.6050

■ 74.1960, 21.8610,
49.8690

■ 157.3280, -7.5160,
-17.9800

■ 65.9670, 24.2440,
56.2440

■ 165.8450,
-10.7700, -25.0900

■ 57.4500, 27.4980,
63.3540


■ 173.7750,
-13.7490, -31.6770

■ 51.8680, 29.3770,

■ 182.2920,

67.8490

-17.0030, -38.7870

 190.5210,
-19.3860, -45.1620

Harmonies

Analogous

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



114.1040, -11.5560, 11.1960



115.9060, 6.7370, 15.5770



115.8060, 21.6380, 15.3500

Triad

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



115.9060, 6.7370, 15.5770



112.9190, 21.9170, -6.2350



103.9070, -39.7030, -12.8470

Complementary

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



115.9060, 6.7370, 15.5770



123.0940, -6.7370, -15.5770

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.



105.7420, -26.1770, -15.6890



115.9060, 6.7370, 15.5770



110.7000, 9.1720, -12.0440

Square

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



115.9060, 6.7370, 15.5770



114.0820, 29.0680, 1.8360



108.6100, -8.2500, -15.6900



105.6390, -41.5840, -6.2880

Rectangle

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



115.9060, 6.7370, 15.5770



115.3350, 27.2780, 12.2540



108.6100, -8.2500, -15.6900



104.2340, -36.3100, -13.7660

Sweetspot

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



115.9060, 6.7370, 15.5770



168.6570, 2.7040, 6.0640



109.2950, -10.7760, 8.0720



84.8910, 1.9250, 3.6610



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



115.9060, 6.7370, 15.5770



145.7420, 10.4950, 24.5670



115.4350, 12.3770, 12.4810



62.4780, 1.6500, 3.1380



50.1020, 28.5980, 65.4460



0.9400, 0.2290, 1.3570

Inverse Universe

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



113.6110, 17.5130, 7.5050



142.1070, 27.9200, 11.6320



123.5650, -12.3770, -12.4810



61.7940, 3.5760, 1.2720



40.2380, 73.6280, 31.2920



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 115.9060, 6.7370, 15.5770 looks on a white background.

Color Contrast Check

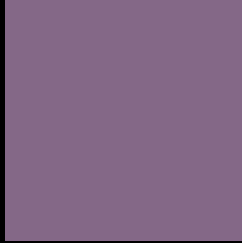
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9060, 6.7370, 15.5770 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 115.9060, 6.7370, 15.5770

Background



This preview shows how black text looks on a background with the YIQ color 115.9060, 6.7370, 15.5770.



This preview shows how white text looks on a background with the YIQ color 115.9060, 6.7370,

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

115.9060, 6.7370, 15.5770

Protanopia

113.8110, -12.2890, 7.9590

Deuteranopia

114.5190, -5.5950, 7.7890



Tritanopia

114.6040, 10.2230, 7.4630

Trichromacy



Original Color

115.9060, 6.7370, 15.5770

Protanomaly

114.5130, -5.4580, 10.8140

Deuteranomaly

114.8510, -0.5980, 10.8420

Tritanomaly

115.1140, 8.8470, 10.3750

Monochromacy



Original Color

115.9060, 6.7370, 15.5770

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.2440, 2.4290, 5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9060, 6.7370, 15.5770 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(132, 104, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 104, 135)  
}
```

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(132, 104, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 104, 135) }
```

Border

The CSS property to change the border of an element to YIQ 115.9060, 6.7370, 15.5770 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(132, 104, 135) }
```


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

```
.border{ border-color:rgb(132, 104, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 104, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 104, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 104, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 104,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9060, 6.7370, 15.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 104, 135) }
```

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

```
.background{ background-color: rgb(132,  
104, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor