

Converting Colors

YIQ(105.8600, -4.8170, 15.7190)

Have a look what the booklet for
YIQ(105.8600, -4.8170, 15.7190)
contains.

YIQ(105.8600, -4.8170, 15.7190)	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(105.8600, -4.8170,
15.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	6F618A
RGB	111, 97, 138
RGB Percent	44%, 38%, 54%
CMY	0.5646, 0.6196, 0.4589
CMYK	0.20, 0.30, 0.00, 0.46
HSL	261°, 17%, 46%
HSV	261°, 30%, 54%
XYZ	15.4181, 13.7634, 25.8838
YIQ	105.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

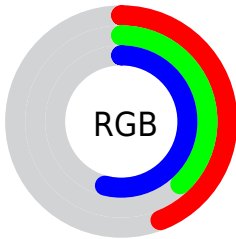
Format	Color
R_{YB}	111, 97, 138
Decimal	7299466
CIE _{Lab}	43.89, 14.54, -20.63
CIE _{LCh}	44, 25.239, 305.163
Yxy	13.7634, 0.2800, 0.2499
Android (android.graphics.Color)	4285489546 (0xFF6F618A)
YUV	105.8600, 15.8450, 4.5078
Hunter-Lab	37.0991, 9.2599, -15.3970

Details

The YIQ color **105.8600, -4.8170, 15.7190** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.1400, 4.8170, -15.7190**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.5010, -5.1840, 16.8640**, and **58.5070, -5.3210, 13.8390** is the 20% darker color. If you saturate the color by 10%, you get **94.9510, -6.3310, 21.1330**, and if you desaturate by 10%, it is **116.7690, -3.3030, 10.3050**.

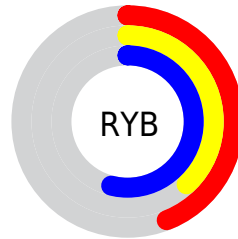
Distribution



Red (44%)

Green (38%)

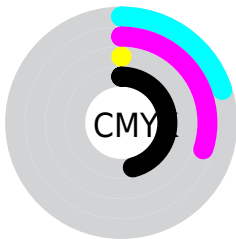
Blue (54%)



Red (44%)

Yellow (38%)

Blue (54%)

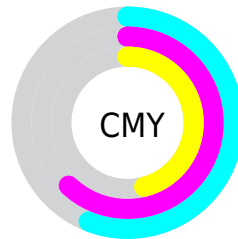


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.8600, -4.8170, 15.7190 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 105.8600, -4.8170, 15.7190 by changing the saturation by 10% instead.

■ 105.8600, -4.8170,
15.7190

■ 105.8600, -4.8170,
15.7190

■ 255.0000, -0.0000,
-0.0000

■ 81.3330, -4.7710,
14.8850

■ 157.5010, -5.1840,
16.8640

■ 58.5070, -5.3210,
13.8390

■ 183.9140, -4.9090,
17.3870

■ 36.2790, -4.6790,
13.2170

■ 212.0280, -5.2300,
17.6980

■ 13.7030, -2.9370,
14.6870

■ 237.9330, 2.1070,
11.3790

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 105.8600, -4.8170,
15.7190

■ 105.8600, -4.8170,
15.7190

■ 94.9510, -6.3310,
21.1330

■ 116.7690, -3.3030,
10.3050

■ 84.0420, -7.8450,
26.5470

■ 127.6780, -1.7890,
4.8910

■ 73.7200, -9.6340,
31.4380

■ 138.0000, -0.0000,
-0.0000

■ 62.8110, -11.1480,
36.8520

■ 148.9090, 1.5140,
-5.4140

■ 51.9020, -12.6620,
42.2660

■ 159.8180, 3.0280,
-10.8280

■ 40.9930, -14.1760,
47.6800

■ 170.7270, 4.5420,
-16.2420

■ 29.7850, -16.2860,
52.8820

■ 181.9350, 6.6520,
-21.4440

■ 192.2570, 8.4410,

-26.3350

■ 203.1660, 9.9550,
-31.7490

Harmonies

Analogous

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



102.0850, -27.7400, 7.1400



105.8600, -4.8170, 15.7190



106.5050, 15.3560, 19.0680

Triad

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



105.8600, -4.8170, 15.7190



103.3440, 31.0860, -1.6980



91.3640, -42.7280, -18.6000

Complementary

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



105.8600, -4.8170, 15.7190



129.1400, 4.8170, -15.7190

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.



96.3420, -19.2990, -19.1950



105.8600, -4.8170, 15.7190



102.2020, 19.4420, -10.9420

Square

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



105.8600, -4.8170, 15.7190



104.8210, 34.4770, 8.4370



99.9440, 2.4330, -16.5670



87.6750, -59.6010, -15.6730

Rectangle

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



105.8600, -4.8170, 15.7190



106.4260, 25.7640, 17.6680



99.9440, 2.4330, -16.5670



93.1430, -34.7960, -19.1800

Sweetspot

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



105.8600, -4.8170, 15.7190



165.7320, -1.8810, 6.5590



117.5230, -20.5860, -1.3700



81.3360, -0.8260, 3.9580



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.



105.8600, -4.8170, 15.7190



127.9880, -7.7530, 24.8790



111.8400, 7.1030, 19.9590



63.3960, -1.0550, 2.6010



28.6170, -15.8730, 50.9030



1.1680, -0.4130, 1.9790

Inverse Universe

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



112.3370, 15.7690, 17.0890



138.3370, 24.9370, 27.1530



123.1600, -7.1030, -19.9590



64.5490, 2.8880, 2.7280



49.6850, 51.3410, 55.2530



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 105.8600, -4.8170, 15.7190 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 105.8600, -4.8170, 15.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

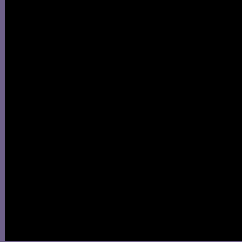
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.8600, -4.8170, 15.7190

Background



This preview shows how black text looks on a background with the YIQ color 105.8600, -4.8170, 15.7190.



This preview shows how white text looks on a background with the YIQ color 105.8600, -4.8170,

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

105.8600, -4.8170, 15.7190

Protanopia

103.5700, -18.8000, 10.3200

Deuteranopia

104.1960, -14.8110, 9.6130



Tritanopia

104.1080, -0.1840, 3.3360

Trichromacy



Original Color

105.8600, -4.8170, 15.7190

Protanomaly

104.3750, -13.7570, 12.5390

Deuteranomaly

104.5170, -11.2810, 11.7190

Tritanomaly

104.6720, -1.6520, 7.9160

Monochromacy



Original Color

105.8600, -4.8170, 15.7190

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2050, -1.8350, 5.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.8600, -4.8170, 15.7190 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, 97, 138)` looks like.

```
.text, #text, p{  
    color:rgb(111, 97, 138)  
}
```

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, 97, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 97, 138) }
```

Border

The CSS property to change the border of an element to YIQ 105.8600, -4.8170, 15.7190 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, 97, 138) }
```


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

```
.border{ border-color:rgb(111, 97, 138) }
```

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

Here you see how a box with a 4 pixel rgb(111, 97, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 97, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 97, 138);  
box-shadow:4px 4px 4px 4px rgb(111, 97,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 105.8600, -4.8170, 15.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 97, 138) }
```

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

```
.background{ background-color: rgb(111, 97,  
138) }
```

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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