

Converting Colors

YIQ(147.0600, 18.1070, 18.7710)

Have a look what the booklet for
YIQ(147.0600, 18.1070, 18.7710)
contains.

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Color

**YIQ(147.0600, 18.1070,
18.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	B0829F
RGB	176, 130, 159
RGB Percent	69%, 51%, 62%
CMY	0.3097, 0.4903, 0.3764
CMYK	0.00, 0.26, 0.10, 0.31
HSL	322°, 23%, 60%
HSV	322°, 26%, 69%
XYZ	32.1510, 27.6977, 36.4583
YIQ	147.0600, 18.1070, 18.7710

Conversions

Conversions Part 2

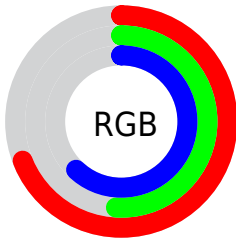
Format	Color
RYB	176, 130, 159
Decimal	11567775
CIELab	59.61, 22.46, -8.51
CIELCh	60, 24.015, 339.244
Yxy	27.6977, 0.3338, 0.2876
Android (android.graphics.Color)	4289757855 (0xFFB0829F)
YUV	147.0600, 5.8864, 25.3804
Hunter-Lab	52.6286, 16.9464, -4.2329

Details

The YIQ color **147.0600, 18.1070, 18.7710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158.9400, -18.1070, -18.7710**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1850, 19.2530, 20.0290**, and **96.0490, 16.6400, 17.8240** is the 20% darker color. If you saturate the color by 10%, you get **135.8100, 24.9830, 26.3190**, and if you desaturate by 10%, it is **158.4240, 10.9100, 11.5340**.

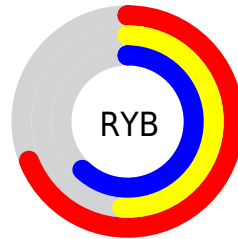
Distribution



Red (69%)

Green (51%)

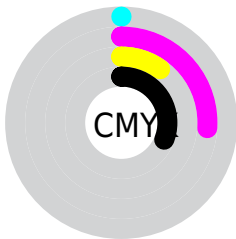
Blue (62%)



Red (69%)

Yellow (51%)

Blue (62%)

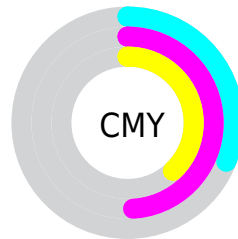


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.0600, 18.1070, 18.7710 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 147.0600, 18.1070, 18.7710 by changing the saturation by 10% instead.


 147.0600, 18.1070,
18.7710


 147.0600, 18.1070,
18.7710


255.0000, -0.0000,
-0.0000


 121.3480, 17.2360,
18.0360


 201.1850, 19.2530,
20.0290


 96.0490, 16.6400,
17.8240


 227.6900, 16.2730,
18.9690

 71.9240, 15.4940,
16.5660

 245.6080, 4.4000,
8.3680

 48.6250, 14.8980,
16.3540

 26.3260, 14.3020,
16.1420

 11.3210, 12.6980,
12.1700

 0.0000, 0.0000,

0.0000

■ 147.0600, 18.1070,
18.7710

■ 147.0600, 18.1070,
18.7710

■ 135.8100, 24.9830,
26.3190

■ 158.4240, 10.9100,
11.5340

■ 125.0330, 31.9050,
33.0330

■ 169.0870, 4.3090,
4.5090

■ 113.6690, 39.1020,
40.2700

■ 180.4510, -2.8880,
-2.7280

■ 103.0060, 45.7030,
47.2950

■ 191.1140, -9.4890,
-9.7530

■ 91.6420, 52.9000,
54.5320

■ 202.4780,
-16.6860, -16.9900

■ 80.3920, 59.7760,
62.0800

■ 213.7280,
-23.5620, -24.5380

69.6150, 66.6980,
68.7940

224.5050,
-30.4840, -31.2520

65.2780, 69.2650,
71.8330

226.3630,
-32.9600, -30.4320

227.1610,
-35.2070, -28.2550

Harmonies

Analogous

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



146.2410, -1.5160, 16.4680



147.0600, 18.1070, 18.7710



146.4820, 31.3580, 15.4060

Triad

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



147.0600, 18.1070, 18.7710



141.6040, 18.2500, -11.3660



133.6980, -49.2400, -10.7120

Complementary

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



147.0600, 18.1070, 18.7710



158.9400, -18.1070, -18.7710

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.



133.5000, -40.1150, -16.3950



147.0600, 18.1070, 18.7710



139.1610, 0.3240, -16.8920

Square

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



147.0600, 18.1070, 18.7710



143.8170, 31.1320, -2.5320



136.3850, -20.8580, -18.4740



137.8010, -41.8600, -1.2840

Rectangle

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



147.0600, 18.1070, 18.7710



146.0600, 35.3020, 10.0060



136.3850, -20.8580, -18.4740



133.1880, -47.8640, -13.6240

Sweetspot

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



147.0600, 18.1070, 18.7710



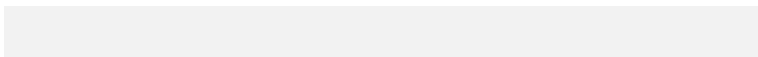
218.0490, 7.4720, 7.7600



140.3270, -4.6340, 17.9100



107.5000, 4.5840, 5.0320



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



147.0600, 18.1070, 18.7710



184.6580, 28.4670, 29.2590



144.4380, 25.4900, 11.6180



83.3750, 3.4380, 3.7740



56.6910, 60.3720, 62.2920



9.5980, 10.3600, 10.4880

Inverse Universe

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



147.0600, 18.1070, 18.7710



184.6580, 28.4670, 29.2590



161.5620, -25.4900, -11.6180



83.3750, 3.4380, 3.7740



56.6910, 60.3720, 62.2920



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 147.0600, 18.1070, 18.7710 looks on a white background.

Color Contrast Check

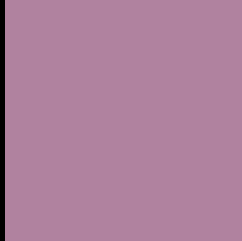
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 147.0600, 18.1070, 18.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

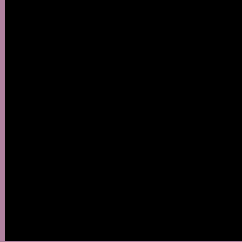
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.0600, 18.1070, 18.7710

Background



This preview shows how black text looks on a background with the YIQ color 147.0600, 18.1070, 18.7710.



This preview shows how white text looks on a background with the YIQ color 147.0600, 18.1070,

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

147.0600, 18.1070, 18.7710

Protanopia

144.5400, -10.0880, 6.6160

Deuteranopia

145.5260, 1.6950, 7.8310



Tritanopia

146.3990, 21.2260, 11.8020

Trichromacy



Original Color

147.0600, 18.1070, 18.7710

Protanomaly

145.1500, -0.0020, 11.0540

Deuteranomaly

145.9830, 7.8380, 12.1420

Tritanomaly

146.7950, 20.1710, 14.4030

Monochromacy



Original Color

147.0600, 18.1070, 18.7710

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2230, 6.9220, 6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0600, 18.1070, 18.7710 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(176, 130, 159)` looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 159)  
}
```

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(176, 130, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 159) }
```

Border

The CSS property to change the border of an element to YIQ 147.0600, 18.1070, 18.7710 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(176, 130, 159) }
```


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

```
.border{ border-color:rgb(176, 130, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 130, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 130, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 130, 159);  
box-shadow:4px 4px 4px 4px rgb(176, 130,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0600, 18.1070, 18.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 159) }
```

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

```
.background{ background-color: rgb(176,  
130, 159) }
```

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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