

Converting Colors

YIQ(118.5330, -17.3780, 6.5740)

Have a look what the booklet for
YIQ(118.5330, -17.3780, 6.5740)
contains.

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Color

**YIQ(118.5330, -17.3780,
6.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7795
RGB	106, 119, 149
RGB Percent	42%, 47%, 58%
CMY	0.5843, 0.5333, 0.4158
CMYK	0.29, 0.20, 0.00, 0.42
HSL	222°, 17%, 50%
HSV	222°, 29%, 58%
XYZ	17.9639, 18.4281, 31.0341
YIQ	118.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

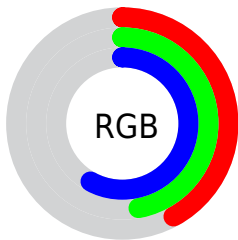
Format	Color
R _Y B	106, 116, 149
Decimal	6977429
CIE Lab	50.01, 2.41, -17.81
CIE LCh	50, 17.970, 277.702
Yxy	18.4281, 0.2664, 0.2733
Android (android.graphics.Color)	4285167509 (0xFF6A7795)
YUV	118.5330, 15.0202, -10.9914
Hunter-Lab	42.9280, -0.4278, -12.8132

Details

The YIQ color **118.5330, -17.3780, 6.5740** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.4670, 17.3780, -6.5740**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.7610, -18.0200, 7.1960**, and **69.8920, -17.0110, 5.4290** is the 20% darker color. If you saturate the color by 10%, you get **108.1780, -23.5680, 8.6240**, and if you desaturate by 10%, it is **128.8880, -11.1880, 4.5240**.

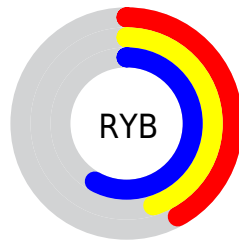
Distribution



Red (42%)

Green (47%)

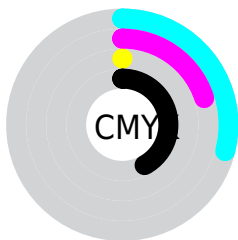
Blue (58%)



Red (42%)

Yellow (45%)

Blue (58%)

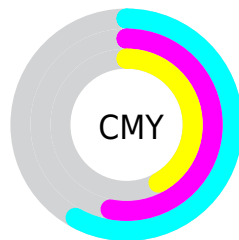


Cyan (29%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.5330, -17.3780, 6.5740 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 118.5330, -17.3780, 6.5740 by changing the saturation by 10% instead.

■ 118.5330,
-17.3780, 6.5740

■ 118.5330,
-17.3780, 6.5740

■ 255.0000, -0.0000,
-0.0000

■ 93.4190, -17.0570,
6.2630

■ 170.7610,
-18.0200, 7.1960

■ 69.8920, -17.0110,
5.4290

■ 197.8750,
-18.3410, 7.5070

■ 47.3650, -16.9650,
4.5950

■ 225.4190,
-17.0570, 6.2630

■ 25.3540, -18.4320,
3.6480

■ 251.1130, -7.7480,
-2.7560

■ 3.5340, -9.9510,
9.6410

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,

0.0000

■ 118.5330,
-17.3780, 6.5740

■ 118.5330,
-17.3780, 6.5740

■ 108.1780,
-23.5680, 8.6240

■ 128.8880,
-11.1880, 4.5240

■ 97.2360, -29.4830,
11.1970

■ 139.8300, -5.2730,
1.9510

■ 86.8810, -35.6730,
13.2470

■ 150.1850, 0.9170,
-0.0990

■ 75.9390, -41.5880,
15.8200

■ 161.1270, 6.8320,
-2.6720

■ 65.8830, -47.1820,
18.0820

■ 171.1830, 12.4260,
-4.9340

■ 55.5280, -53.3720,
20.1320

■ 181.5380, 18.6160,
-6.9840

■ 44.5860, -59.2870,
22.7050

■ 192.4800, 24.5310,
-9.5570

■ 43.4010, -60.2040,
22.8040

■ 202.8350, 30.7210,
-11.6070

■ 213.7770, 36.6360,
-14.1800

Harmonies

Analogous

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



115.2600, -30.0310, -0.9030



118.5330, -17.3780, 6.5740



120.8940, -2.1570, 11.5630

Triad

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



118.5330, -17.3780, 6.5740



120.6350, 26.1330, 5.4690



114.2550, -14.4400, -13.6400

Complementary

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



118.5330, -17.3780, 6.5740



136.4670, 17.3780, -6.5740

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.



116.2090, 0.3690, -12.1990



118.5330, -17.3780, 6.5740



119.1520, 22.8790, -1.6410

Square

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



118.5330, -17.3780, 6.5740



121.3560, 22.7850, 11.0810



117.6730, 13.8020, -7.8460



112.6650, -27.2780, -12.2540

Rectangle

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



118.5330, -17.3780, 6.5740



121.8090, 8.3880, 13.1880



117.6730, 13.8020, -7.8460



114.8920, -8.9840, -13.4000

Sweetspot

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



118.5330, -17.3780, 6.5740



181.5740, -7.4280, 2.4600



134.5470, -21.1340, -13.4700



89.0150, -4.3560, 1.8520



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.



118.5330, -17.3780, 6.5740



146.0790, -27.6030, 10.1650



113.2940, -9.0350, 15.0690



68.9720, -2.7970, 1.1310



40.3860, -55.8480, 20.9520



2.9010, -4.0350, 1.5410

Inverse Universe

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



120.3390, 21.4550, 13.1590



148.7260, 33.7870, 20.9470



141.7060, 9.0350, -15.0690



69.3210, 3.5300, 2.1060



46.0500, 68.7660, 42.3180



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 118.5330, -17.3780, 6.5740 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 118.5330, -17.3780, 6.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

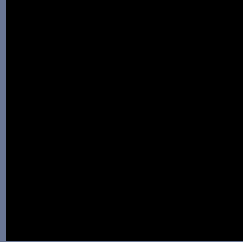
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

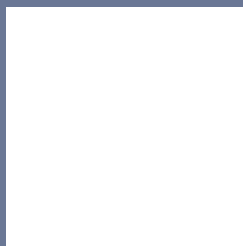
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.5330, -17.3780, 6.5740

Background



This preview shows how black text looks on a background with the YIQ color 118.5330, -17.3780, 6.5740.

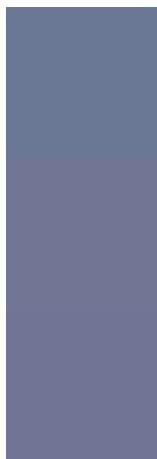


This preview shows how white text looks on a background with the YIQ color 118.5330, -17.3780, 6.5740.

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

118.5330, -17.3780, 6.5740

Protanopia

119.6260, -13.2060, 8.0580

Deuteranopia

119.2780, -12.1060, 10.1500



Tritanopia

117.1600, -15.1300, -1.1300

Trichromacy



Original Color

118.5330, -17.3780, 6.5740

Protanomaly

119.0280, -14.3980, 7.6340

Deuteranomaly

118.9680, -14.1690, 8.9910

Tritanomaly

117.5560, -16.1850, 1.4710

Monochromacy



Original Color

118.5330, -17.3780, 6.5740

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7590, -6.5110, 2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5330, -17.3780, 6.5740 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(106, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 119, 149)  
}
```

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(106, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 119, 149) }
```

Border

The CSS property to change the border of an element to YIQ 118.5330, -17.3780, 6.5740 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(106, 119, 149) }
```


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

```
.border{ border-color:rgb(106, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 119,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5330, -17.3780, 6.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 119, 149) }
```

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

```
.background{ background-color: rgb(106,  
119, 149) }
```

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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