

Converting Colors

YIQ(118.7400, -13.5270, 8.3690)

Have a look what the booklet for
YIQ(118.7400, -13.5270, 8.3690)
contains.

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Color

**YIQ(118.7400, -13.5270,
8.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7594
RGB	111, 117, 148
RGB Percent	44%, 46%, 58%
CMY	0.5647, 0.5412, 0.4197
CMYK	0.25, 0.21, 0.00, 0.42
HSL	230°, 15%, 51%
HSV	230°, 25%, 58%
XYZ	18.2610, 18.2403, 30.5670
YIQ	118.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

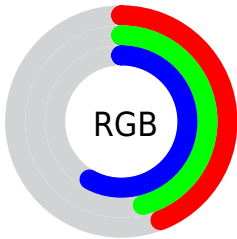
Format	Color
R _Y B	111, 116, 148
Decimal	7304596
CIE Lab	49.79, 4.95, -17.53
CIE LCh	50, 18.218, 285.772
Yxy	18.2403, 0.2723, 0.2720
Android (android.graphics.Color)	4285494676 (0xFF6F7594)
YUV	118.7400, 14.4252, -6.7880
Hunter-Lab	42.7086, 1.5816, -12.5384

Details

The YIQ color **118.7400, -13.5270, 8.3690** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.2600, 13.5270, -8.3690**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9680, -14.1690, 8.9910**, and **70.0990, -13.1600, 7.2240** is the 20% darker color. If you saturate the color by 10%, you get **107.2110, -19.1670, 11.4650**, and if you desaturate by 10%, it is **130.2690, -7.8870, 5.2730**.

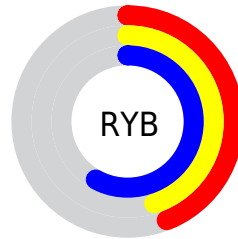
Distribution



Red (44%)

Green (46%)

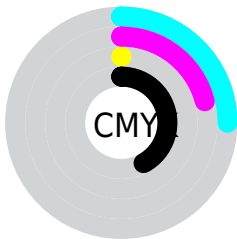
Blue (58%)



Red (44%)

Yellow (45%)

Blue (58%)

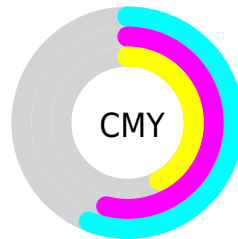


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7400, -13.5270, 8.3690 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 118.7400, -13.5270, 8.3690 by changing the saturation by 10% instead.

■ 118.7400,
-13.5270, 8.3690

■ 118.7400,
-13.5270, 8.3690

■ 255.0000, -0.0000,
-0.0000

■ 93.6260, -13.2060,
8.0580

■ 170.9680,
-14.1690, 8.9910

■ 70.0990, -13.1600,
7.2240

■ 198.3810,
-13.8940, 9.5140

■ 47.5720, -13.1140,
6.3900

■ 226.0390,
-12.9310, 8.5810

■ 26.1590, -13.3890,
5.8670

■ 251.4340, -4.2180,
-0.6500

■ 3.4200, -9.6300,
9.3300

■ 0.0000, 0.0000,
0.0000

■ 118.7400,
-13.5270, 8.3690

■ 118.7400,
-13.5270, 8.3690

■ 107.2110,
-19.1670, 11.4650

■ 130.2690, -7.8870,
5.2730

■ 95.0950, -24.5320,
15.0840

■ 142.3850, -2.5220,
1.6540

■ 83.8650, -29.5760,
18.3920

■ 153.6150, 2.5220,
-1.6540

■ 71.7490, -34.9410,
22.0110

■ 165.7310, 7.8870,
-5.2730

■ 60.2200, -40.5810,
25.1070

■ 177.2600, 13.5270,
-8.3690

■ 48.6910, -46.2210,
28.2030

■ 188.7890, 19.1670,
-11.4650

■ 36.5750, -51.5860,
31.8220

■ 200.9050, 24.5320,
-15.0840

■ 30.9600, -54.1080,

■ 212.1350, 29.5760,

33.4760

-18.3920

■ 224.2510, 34.9410,
-22.0110

Harmonies

Analogous

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



115.3960, -27.4180, 1.3020



118.7400, -13.5270, 8.3690



120.8730, 2.3360, 12.7360

Triad

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



118.7400, -13.5270, 8.3690



119.5810, 26.2250, 3.8010



113.1020, -18.3830, -13.7670

Complementary

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



118.7400, -13.5270, 8.3690



140.2600, 13.5270, -8.3690

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.



114.8280, -2.9320, -12.9480



118.7400, -13.5270, 8.3690



118.6140, 21.4580, -3.4220

Square

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



118.7400, -13.5270, 8.3690



120.3130, 24.3440, 10.3600



116.7650, 10.5470, -9.4290



111.3380, -30.6710, -11.3350

Rectangle

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



118.7400, -13.5270, 8.3690



121.0760, 12.0100, 13.6260



116.7650, 10.5470, -9.4290



113.4400, -13.5230, -13.7390

Sweetspot

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



118.7400, -13.5270, 8.3690



180.6560, -4.7230, 2.9970



136.2530, -20.1260, -9.7100



90.4990, -2.8430, 1.9650



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.



118.7400, -13.5270, 8.3690



145.7810, -20.7720, 13.0200



118.8060, -4.7250, 14.0510



68.3850, -2.5220, 1.6540



28.6460, -50.3480, 31.4120



2.3140, -3.7600, 2.0640

Inverse Universe

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



122.7470, 20.1260, 9.7100



152.0690, 31.0830, 14.8830



140.1940, 4.7250, -14.0510



69.2070, 3.8510, 1.7950



43.7700, 75.1860, 36.0980



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 118.7400, -13.5270, 8.3690 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 118.7400, -13.5270, 8.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

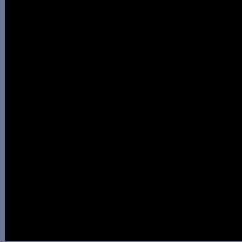
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.7400, -13.5270, 8.3690

Background



This preview shows how black text looks on a background with the YIQ color 118.7400, -13.5270, 8.3690.

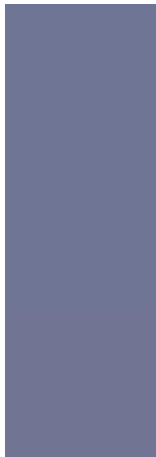


This preview shows how white text looks on a background with the YIQ color 118.7400, -13.5270,

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

118.7400, -13.5270, 8.3690

Protanopia

118.7400, -13.5270, 8.3690

Deuteranopia

119.0500, -11.4640, 9.5280



Tritanopia

117.2530, -10.9580, 0.3540

Trichromacy



Original Color

118.7400, -13.5270, 8.3690

Protanomaly

118.7400, -13.5270, 8.3690

Deuteranomaly

118.7510, -12.0600, 9.3160

Tritanomaly

117.7630, -12.3340, 3.2660

Monochromacy



Original Color

118.7400, -13.5270, 8.3690

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7400, -13.5270, 8.3690 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, 117, 148)` looks like.

```
.text, #text, p{  
    color:rgb(111, 117, 148)  
}
```

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, 117, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 117, 148) }
```

Border

The CSS property to change the border of an element to YIQ 118.7400, -13.5270, 8.3690 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, 117, 148) }
```


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

```
.border{ border-color:rgb(111, 117, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 117, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 117, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 117, 148);  
box-shadow:4px 4px 4px 4px rgb(111, 117,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7400, -13.5270, 8.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 117, 148) }
```

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

```
.background{ background-color: rgb(111,  
117, 148) }
```

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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