

Converting Colors

YIQ(118.0160, -14.1240,
13.6840)

Have a look what the booklet for
YIQ(118.0160, -14.1240, 13.6840)
contains.

YIQ(118.0160, -14.1240, 13.6840)	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(118.0160, -14.1240,
13.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	71719D
RGB	113, 113, 157
RGB Percent	44%, 44%, 62%
CMY	0.5568, 0.5569, 0.3844
CMYK	0.28, 0.28, 0.00, 0.38
HSL	240°, 18%, 53%
HSV	240°, 28%, 62%
XYZ	18.7999, 17.7550, 34.3242
YIQ	118.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

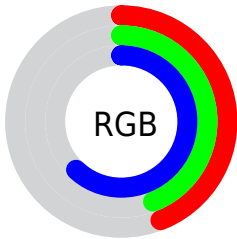
Format	Color
R _Y B	113, 113, 157
Decimal	7434653
CIE Lab	49.20, 10.30, -23.71
CIE LCh	49, 25.847, 293.483
Yxy	17.7550, 0.2652, 0.2505
Android (android.graphics.Color)	4285624733 (0xFF71719D)
YUV	118.0160, 19.2191, -4.3990
Hunter-Lab	42.1367, 5.9014, -18.8015

Details

The YIQ color **118.0160, -14.1240, 13.6840** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **151.9840, 14.1240, -13.6840**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.6570, -14.4910, 14.8290**, and **68.9620, -14.0320, 12.0160** is the 20% darker color. If you saturate the color by 10%, you get **103.8400, -19.2600, 18.6600**, and if you desaturate by 10%, it is **132.1920, -8.9880, 8.7080**.

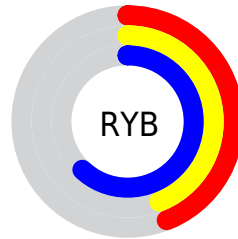
Distribution



Red (44%)

Green (44%)

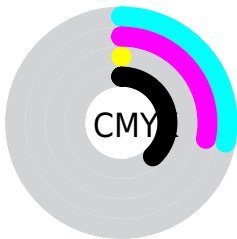
Blue (62%)



Red (44%)

Yellow (44%)

Blue (62%)

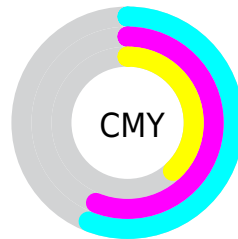


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0160, -14.1240, 13.6840 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 118.0160, -14.1240, 13.6840 by changing the saturation by 10% instead.

■ 118.0160,
-14.1240, 13.6840

■ 118.0160,
-14.1240, 13.6840

■ 255.0000, -0.0000,
-0.0000

■ 93.4890, -14.0780,
12.8500

■ 170.6570,
-14.4910, 14.8290

■ 68.9620, -14.0320,
12.0160

■ 197.7710,
-14.8120, 15.1400

■ 46.4350, -13.9860,
11.1820

■ 224.2890,
-10.6390, 11.0970

■ 24.8970, -15.4070,
9.4010

■ 249.3960, -1.0550,
2.6010

■ 4.1040, -11.5560,
11.1960

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 118.0160,
-14.1240, 13.6840

■ 118.0160,
-14.1240, 13.6840

■ 103.8400,
-19.2600, 18.6600

■ 132.1920, -8.9880,
8.7080

■ 90.5500, -24.0750,
23.3250

■ 145.4820, -4.1730,
4.0430

■ 76.3740, -29.2110,
28.3010

■ 159.6580, 0.9630,
-0.9330

■ 62.1980, -34.3470,
33.2770

■ 173.8340, 6.0990,
-5.9090

■ 48.9080, -39.1620,
37.9420

■ 187.1240, 10.9140,
-10.5740

■ 34.7320, -44.2980,
42.9180

■ 201.3000, 16.0500,
-15.5500

■ 20.5560, -49.4340,
47.8940

■ 215.4760, 21.1860,
-20.5260

■ 17.8980, -50.3970,
48.8270

■ 229.6520, 26.3220,
-25.5020

■ 242.9420, 31.1370,
-30.1670

Harmonies

Analogous

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



112.3010, -37.2760, 3.7480



118.0160, -14.1240, 13.6840



119.7970, 8.6620, 19.2380

Triad

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



118.0160, -14.1240, 13.6840



117.4310, 35.3950, 2.8110



106.9150, -34.1540, -19.8020

Complementary

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



118.0160, -14.1240, 13.6840



151.9840, 14.1240, -13.6840

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.



110.8330, -10.4960, -19.0400



118.0160, -14.1240, 13.6840



115.9040, 26.2730, -8.0870

Square

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



118.0160, -14.1240, 13.6840



118.6410, 35.1640, 12.5080



113.7770, 10.2730, -15.4790



102.9590, -54.6490, -17.3130

Rectangle

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



118.0160, -14.1240, 13.6840



120.1420, 20.8120, 19.3080



113.7770, 10.2730, -15.4790



108.2210, -26.2680, -19.5480

Sweetspot

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



118.0160, -14.1240, 13.6840



189.8240, -5.1360, 4.9760



143.8440, -26.2240, -9.3280



93.1400, -3.2100, 3.1100



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



118.0160, -14.1240, 13.6840



142.8660, -22.1490, 21.4590



124.5940, -1.0120, 18.3480



71.9120, -2.5680, 2.4880



16.3020, -45.9030, 44.4730



1.7100, -4.8150, 4.6650

Inverse Universe

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



131.1720, 12.1000, 23.0120



163.4970, 18.9750, 36.0870



145.4060, 1.0120, -18.3480



74.3040, 2.2000, 4.1840



59.0590, 39.3250, 74.7890



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 118.0160, -14.1240, 13.6840 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 118.0160, -14.1240, 13.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

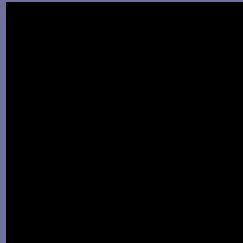
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.0160, -14.1240, 13.6840

Background



This preview shows how black text looks on a background with the YIQ color 118.0160, -14.1240, 13.6840.



This preview shows how white text looks on a background with the YIQ color 118.0160, -14.1240, 13.6840.

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

118.0160, -14.1240, 13.6840

Protanopia

116.7270, -20.6800, 11.3520

Deuteranopia

117.0970, -18.8460, 11.1540



Tritanopia

116.4380, -10.0410, 0.2550

Trichromacy



Original Color

118.0160, -14.1240, 13.6840

Protanomaly

116.9230, -18.2960, 12.2000

Deuteranomaly

117.4070, -16.7830, 12.3130

Tritanomaly

117.1160, -11.8300, 5.1460

Monochromacy



Original Color

118.0160, -14.1240, 13.6840

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8240, -5.1360, 4.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0160, -14.1240, 13.6840 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(113, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(113, 113, 157)  
}
```

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(113, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 113, 157) }
```

Border

The CSS property to change the border of an element to YIQ 118.0160, -14.1240, 13.6840 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(113, 113, 157) }
```


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

```
.border{ border-color:rgb(113, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(113, 113,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0160, -14.1240, 13.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 113, 157) }
```

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

```
.background{ background-color: rgb(113,  
113, 157) }
```

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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