

Converting Colors

YIQ(136.7850, -18.5680,
-4.9040)

Have a look what the booklet for
YIQ(136.7850, -18.5680, -4.9040)
contains.

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Color

**YIQ(136.7850, -18.5680,
-4.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	749195
RGB	116, 145, 149
RGB Percent	45%, 57%, 58%
CMY	0.5452, 0.4313, 0.4158
CMYK	0.22, 0.03, 0.00, 0.42
HSL	187°, 13%, 52%
HSV	187°, 22%, 58%
XYZ	22.7507, 26.1357, 32.2712
YIQ	136.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

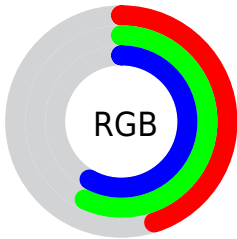
Format	Color
R_{YB}	116, 131, 149
Decimal	7639445
CIE _{Lab}	58.17, -9.23, -5.47
CIE _{LCh}	58, 10.733, 210.671
Yxy	26.1357, 0.2803, 0.3220
Android (android.graphics.Color)	4285829525 (0xFF749195)
YUV	136.7850, 6.0220, -18.2284
Hunter-Lab	51.1231, -10.0295, -1.6404

Details

The YIQ color $136.7850, -18.5680, -4.9040$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $128.2150, 18.5680, 4.9040$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.4860, -19.1640, -5.1160$, and $86.9700, -17.6510, -5.0030$ is the 20% darker color. If you saturate the color by 10%, you get $131.1260, -26.9580, -7.0380$, and if you desaturate by 10%, it is $142.4440, -10.1780, -2.7700$.

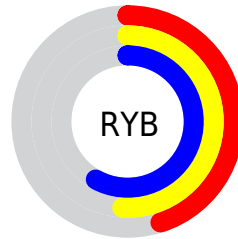
Distribution



Red (45%)

Green (57%)

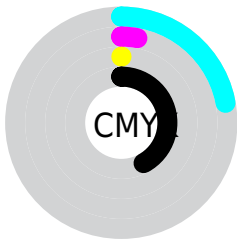
Blue (58%)



Red (45%)

Yellow (51%)

Blue (58%)

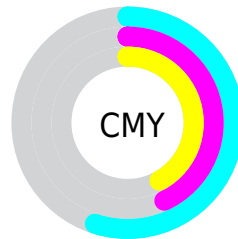


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7850, -18.5680, -4.9040 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 136.7850, -18.5680, -4.9040 by changing the saturation by 10% instead.

■ 136.7850,
-18.5680, -4.9040

■ 136.7850,
-18.5680, -4.9040

■ 255.0000, -0.0000,
-0.0000

■ 111.0840,
-17.9720, -4.6920

■ 190.4860,
-19.1640, -5.1160

■ 86.9700, -17.6510,
-5.0030

■ 218.1870,
-19.7600, -5.3280

■ 63.3830, -17.3760,
-4.4800

■ 245.7310,
-18.4760, -6.5720

■ 40.3830, -17.3760,
-4.4800

■ 254.4020, -1.1920,
-0.4240

■ 19.9700, -17.6510,
-5.0030

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,

0.0000

■ 136.7850,
-18.5680, -4.9040

■ 136.7850,
-18.5680, -4.9040

■ 131.1260,
-26.9580, -7.0380

■ 142.4440,
-10.1780, -2.7700

■ 125.4670,
-35.3480, -9.1720

■ 148.1030, -1.7880,
-0.6360

■ 120.3950,
-44.0130, -11.8290

■ 153.1750, 6.8770,
2.0210

■ 114.7360,
-52.4030, -13.9630

■ 158.8340, 15.2670,
4.1550

■ 109.0770,
-60.7930, -16.0970

■ 164.1940, 23.0610,
6.0770

■ 103.7170,
-68.5870, -18.0190

■ 169.8530, 31.4510,
8.2110

■ 98.0580, -76.9770,
-20.1530

■ 175.5120, 39.8410,
10.3450

■ 93.8830, -83.8540,
-22.1740

■ 180.5840, 48.5060,
13.0020

■ 186.2430, 56.8960,
15.1360

Harmonies

Analogous

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



136.3570, -14.4870, -7.2790



136.7850, -18.5680, -4.9040



137.6050, -17.8810, -0.8330

Triad

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



136.7850, -18.5680, -4.9040



141.6790, 5.6380, 7.9580



139.3400, 10.5460, -3.9020

Complementary

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



136.7850, -18.5680, -4.9040



128.2150, 18.5680, 4.9040

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.



140.6120, 15.7720, 0.5080



136.7850, -18.5680, -4.9040



141.5720, 13.2490, 7.6890

Square

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



136.7850, -18.5680, -4.9040



140.6610, -3.1190, 6.9690



141.4320, 16.4590, 4.5790



138.4530, 2.7980, -6.6580

Rectangle

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



136.7850, -18.5680, -4.9040



139.0400, -14.6720, 1.5840



141.4320, 16.4590, 4.5790



139.6500, 12.6090, -2.7430

Sweetspot

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



136.7850, -18.5680, -4.9040



188.6400, -7.7940, -1.9220



135.8270, -10.3590, -16.0150



94.0210, -4.4930, -1.1730



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.



136.7850, -18.5680, -4.9040



174.6310, -29.9380, -8.0980



127.3930, -14.1680, 3.4640



71.3200, -3.8970, -0.9610



86.7590, -77.5730, -20.3650



6.4230, -5.6850, -1.5970

Inverse Universe

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



129.1730, 10.3590, 16.0150



162.2050, 16.5010, 25.8530



137.6070, 14.1680, -3.4640



69.7770, 2.2460, 3.3500



55.0560, 43.4070, 66.8870



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 136.7850, -18.5680, -4.9040 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 136.7850, -18.5680, -4.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

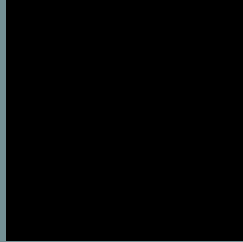
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7850, -18.5680, -4.9040

Background



This preview shows how black text looks on a background with the YIQ color 136.7850, -18.5680, -4.9040.



This preview shows how white text looks on a background with the YIQ color 136.7850, -18.5680, -4.9040.

-4.9040.

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

136.7850, -18.5680, -4.9040

Protanopia

139.9830, -1.3300, 2.0780

Deuteranopia

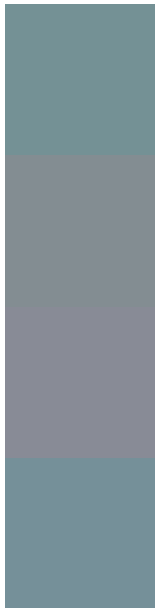
141.2980, 2.3370, 7.2090



Tritanopia

137.1810, -19.6230, -2.3030

Trichromacy



Original Color

136.7850, -18.5680, -4.9040

Protanomaly

138.5800, -7.5650, -0.5650

Deuteranomaly

139.3570, -5.3190, 2.7850

Tritanomaly

136.9530, -18.9810, -2.9250

Monochromacy



Original Color

136.7850, -18.5680, -4.9040

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8250, -6.8770, -2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7850, -18.5680, -4.9040 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(116, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 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(116, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 149) }
```

Border

The CSS property to change the border of an element to YIQ 136.7850, -18.5680, -4.9040 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(116, 145, 149) }
```


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

```
.border{ border-color:rgb(116, 145, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7850, -18.5680, -4.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 149) }
```

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

```
.background{ background-color: rgb(116,  
145, 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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