

Converting Colors

YIQ(127.1070, -16.7790,
-9.7950)

Have a look what the booklet for
YIQ(127.1070, -16.7790, -9.7950)
contains.

YIQ(127.1070, -16.7790, -9.7950)	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(127.1070, -16.7790,
-9.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	698A81
RGB	105, 138, 129
RGB Percent	41%, 54%, 51%
CMY	0.5883, 0.4588, 0.4942
CMYK	0.24, 0.00, 0.07, 0.46
HSL	164°, 14%, 48%
HSV	164°, 24%, 54%
XYZ	18.8751, 22.7675, 24.1633
YIQ	127.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

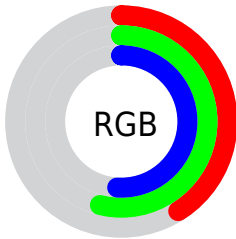
Format	Color
RYB	105, 124, 138
Decimal	6916737
CIELab	54.83, -13.60, 1.04
CIELCh	55, 13.638, 175.636
Yxy	22.7675, 0.2868, 0.3460
Android (android.graphics.Color)	4285106817 (0xFF698A81)
YUV	127.1070, 0.9332, -19.3878
Hunter-Lab	47.7153, -12.8911, 3.3758

Details

The YIQ color $127.1070, -16.7790, -9.7950$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $115.8930, 16.7790, 9.7950$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.3950, -17.6500, -10.5300$, and $77.8190, -15.9080, -9.0600$ is the 20% darker color. If you saturate the color by 10%, you get $122.4650, -23.8390, -14.0070$, and if you desaturate by 10%, it is $131.7490, -9.7190, -5.5830$.

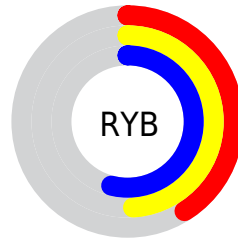
Distribution



Red (41%)

Green (54%)

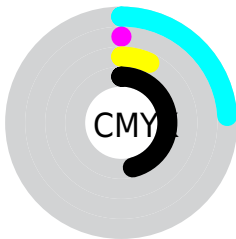
Blue (51%)



Red (41%)

Yellow (49%)

Blue (54%)

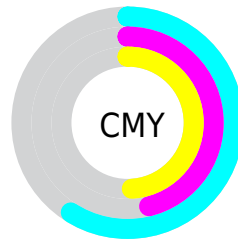


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1070, -16.7790, -9.7950 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 127.1070, -16.7790, -9.7950 by changing the saturation by 10% instead.

■ 127.1070,
-16.7790, -9.7950

■ 127.1070,
-16.7790, -9.7950

■ 255.0000, -0.0000,
-0.0000

■ 102.1070,
-16.7790, -9.7950

■ 180.3950,
-17.6500, -10.5300

■ 77.8190, -15.9080,
-9.0600

■ 207.3950,
-17.6500, -10.5300

■ 54.8190, -15.9080,
-9.0600

■ 236.0960,
-18.2460, -10.7420

■ 32.0470, -16.5500,
-8.4380

■ 250.5150, -8.9400,
-3.1800

■ 15.0970, -10.8190,
-7.6750

■ 0.0000, 0.0000,
0.0000

■ 127.1070,
-16.7790, -9.7950

■ 127.1070,
-16.7790, -9.7950

■ 122.4650,
-23.8390, -14.0070

■ 131.7490, -9.7190,
-5.5830

■ 117.8230,
-30.8990, -18.2190

■ 136.3910, -2.6590,
-1.3710

■ 113.5940,
-37.6840, -21.9080

■ 140.6200, 4.1260,
2.3180

■ 108.9520,
-44.7440, -26.1200

■ 145.2620, 11.1860,
6.5300

■ 104.3100,
-51.8040, -30.3320

■ 149.9040, 18.2460,
10.7420

■ 99.6680, -58.8640,
-34.5440

■ 154.5460, 25.3060,
14.9540

■ 95.1400, -66.2450,
-38.4450

■ 159.0740, 32.6870,
18.8550

■ 92.4060, -70.0500,

■ 163.4170, 39.1510,

-41.0740

22.8550

■ 168.0590, 46.2110,
27.0670

Harmonies

Analogous

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



128.5550, -6.4170, -10.3610



127.1070, -16.7790, -9.7950



126.9800, -23.6110, -7.1230

Triad

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



127.1070, -16.7790, -9.7950



132.2200, -6.1910, 7.5770



132.1780, 19.9900, 1.1580

Complementary

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



127.1070, -16.7790, -9.7950



115.8930, 16.7790, 9.7950

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.



133.3400, 19.7140, 6.1620



127.1070, -16.7790, -9.7950



133.2600, 5.5000, 10.4600

Square

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



127.1070, -16.7790, -9.7950



130.3110, -16.8730, 2.9270



133.4090, 15.2660, 9.6820



131.0800, 14.2140, -4.2980

Rectangle

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



127.1070, -16.7790, -9.7950



127.7890, -24.3910, -3.9990



133.4090, 15.2660, 9.6820



132.5310, 20.4940, 3.0380

Sweetspot

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



127.1070, -16.7790, -9.7950



174.6570, -6.4640, -4.0000



127.0620, -3.7110, -15.3510



86.6790, -3.5300, -2.1060



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



127.1070, -16.7790, -9.7950



161.7420, -26.1770, -15.6890



124.0240, -17.7430, -3.3350



66.6790, -3.5300, -2.1060



89.0150, -67.3910, -39.7030



3.3910, -2.6590, -1.3710

Inverse Universe

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



115.8930, 16.7790, 9.7950



144.1440, 26.4980, 15.3780



118.9760, 17.7430, 3.3350



64.3210, 3.5300, 2.1060



43.8710, 67.7120, 39.3920



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 127.1070, -16.7790, -9.7950 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 127.1070, -16.7790, -9.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

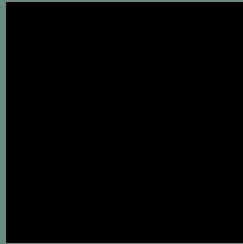
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.1070, -16.7790, -9.7950

Background



This preview shows how black text looks on a background with the YIQ color 127.1070, -16.7790, -9.7950.



This preview shows how white text looks on a background with the YIQ color 127.1070, -16.7790, -9.7950.

-9.7950.

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

127.1070, -16.7790, -9.7950

Protanopia

130.9250, 4.5850, -0.4950

Deuteranopia

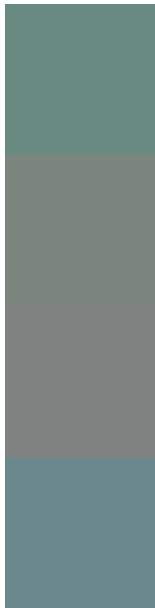
132.2400, 8.2520, 4.6360



Tritanopia

128.1810, -19.6230, -2.3030

Trichromacy



Original Color

127.1070, -16.7790, -9.7950

Protanomaly

129.5110, -3.1170, -4.0850

Deuteranomaly

130.2880, -0.8710, -0.7350

Tritanomaly

127.7850, -18.5680, -4.9040

Monochromacy



Original Color

127.1070, -16.7790, -9.7950

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0700, -6.1890, -3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1070, -16.7790, -9.7950 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(105, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(105, 138, 129)  
}
```

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(105, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 138, 129) }
```

Border

The CSS property to change the border of an element to YIQ 127.1070, -16.7790, -9.7950 is called "border". The border property can be set on classes, ids or directly on the HTML element.

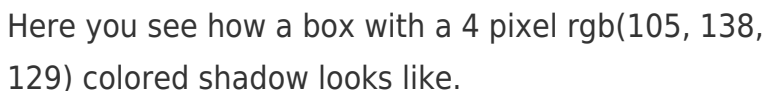
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 138, 129) }
```


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

```
.border{ border-color:rgb(105, 138, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 138, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 138, 129); box-shadow:4px 4px 4px 4px rgb(105, 138, 129) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1070, -16.7790, -9.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 138, 129) }
```

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

```
.background{ background-color: rgb(105,  
138, 129) }
```

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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