

Converting Colors

YIQ(128.3780, -18.9800,
-8.4520)

Have a look what the booklet for
YIQ(128.3780, -18.9800, -8.4520)
contains.

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Color

**YIQ(128.3780, -18.9800,
-8.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	698B87
RGB	105, 139, 135
RGB Percent	41%, 55%, 53%
CMY	0.5883, 0.4548, 0.4707
CMYK	0.24, 0.00, 0.03, 0.45
HSL	173°, 14%, 48%
HSV	173°, 24%, 55%
XYZ	19.4298, 23.2201, 26.3727
YIQ	128.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

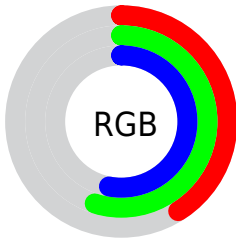
Format	Color
RYB	105, 123, 139
Decimal	6916999
CIELab	55.30, -12.78, -1.74
CIElCh	55, 12.897, 187.762
Yxy	23.2201, 0.2815, 0.3364
Android (android.graphics.Color)	4285107079 (0xFF698B87)
YUV	128.3780, 3.2646, -20.5025
Hunter-Lab	48.1872, -12.3540, 1.2818

Details

The YIQ color $128.3780, -18.9800, -8.4520$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $115.6220, 18.9800, 8.4520$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.6660, -19.8510, -9.1870$, and $78.6770, -18.3840, -8.2400$ is the 20% darker color. If you saturate the color by 10%, you get $123.9640, -26.6820, -12.0420$, and if you desaturate by 10%, it is $132.7920, -11.2780, -4.8620$.

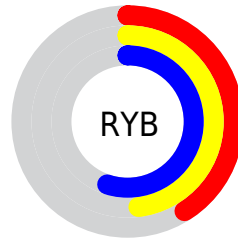
Distribution



Red (41%)

Green (55%)

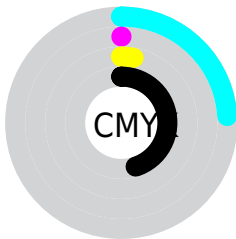
Blue (53%)



Red (41%)

Yellow (48%)

Blue (55%)

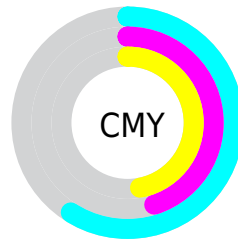


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.3780, -18.9800, -8.4520 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 128.3780, -18.9800, -8.4520 by changing the saturation by 10% instead.

■ 128.3780,
-18.9800, -8.4520

■ 128.3780,
-18.9800, -8.4520

■ 255.0000, -0.0000,
-0.0000

■ 102.7910,
-18.7050, -7.9290

■ 181.6660,
-19.8510, -9.1870

■ 78.6770, -18.3840,
-8.2400

■ 208.7800,
-20.1720, -8.8760

■ 55.0900, -18.1090,
-7.7170

■ 237.3670,
-20.4470, -9.3990

■ 32.7910, -18.7050,
-7.9290

■ 250.8140, -8.3440,
-2.9680

■ 16.3680, -13.0200,
-6.3320

■ 0.0000, 0.0000,
0.0000

■ 128.3780,
-18.9800, -8.4520

■ 128.3780,
-18.9800, -8.4520

■ 123.9640,
-26.6820, -12.0420

■ 132.7920,
-11.2780, -4.8620

■ 119.6640,
-34.7050, -15.3210

■ 137.0920, -3.2550,
-1.5830

■ 115.2500,
-42.4070, -18.9110

■ 141.5060, 4.4470,
2.0070

■ 110.8360,
-50.1090, -22.5010

■ 145.9200, 12.1490,
5.5970

■ 106.5360,
-58.1320, -25.7800

■ 149.9210, 19.5760,
8.6640

■ 102.4210,
-65.2380, -29.1580

■ 154.3350, 27.2780,
12.2540

■ 98.0070, -72.9400,
-32.7480


■ 158.7490, 34.9800,
15.8440

■ 95.6150, -77.7080,

■ 163.0490, 43.0030,

-34.4440

19.1230

 167.4630, 50.7050,
22.7130

Harmonies

Analogous

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



128.9290, -10.4060, -9.6540



128.3780, -18.9800, -8.4520



128.7460, -22.8320, -4.7200

Triad

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



128.3780, -18.9800, -8.4520



134.0850, -1.3770, 8.4390



133.0420, 17.3770, -1.0470

Complementary

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



128.3780, -18.9800, -8.4520



115.6220, 18.9800, 8.4520

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.



133.8730, 19.5310, 3.9710



128.3780, -18.9800, -8.4520



134.8860, 9.4890, 9.7530

Square

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



128.3780, -18.9800, -8.4520



132.1160, -11.8300, 5.1460



134.8390, 16.8710, 8.1270



131.8730, 10.3630, -6.0930

Rectangle

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



128.3780, -18.9800, -8.4520



129.9250, -21.7780, -1.7940



134.8390, 16.8710, 8.1270



133.5800, 18.7980, 0.7340

Sweetspot

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



128.3780, -18.9800, -8.4520



176.9990, -7.4270, -3.0670



126.4530, -6.3700, -16.7220



89.4940, -4.4470, -2.0070



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



128.3780, -18.9800, -8.4520



164.7680, -29.0660, -12.8900



121.7900, -16.9640, -0.9320



66.7930, -3.8510, -1.7950



91.4090, -74.1320, -33.1720



3.3910, -2.6590, -1.3710

Inverse Universe

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



115.6220, 18.9800, 8.4520



145.2320, 29.0660, 12.8900



122.2100, 16.9640, 0.9320



64.2070, 3.8510, 1.7950



41.5910, 74.1320, 33.1720



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 128.3780, -18.9800, -8.4520 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 128.3780, -18.9800, -8.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

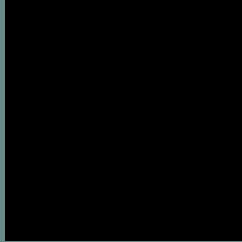
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.3780, -18.9800, -8.4520

Background



This preview shows how black text looks on a background with the YIQ color 128.3780, -18.9800, -8.4520.



This preview shows how white text looks on a background with the YIQ color 128.3780, -18.9800, -8.4520.

-8.4520.

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

128.3780, -18.9800, -8.4520

Protanopia

132.1960, 2.3840, 0.8480

Deuteranopia

133.2120, 5.4550, 5.7670



Tritanopia

129.5830, -20.8150, -2.7270

Trichromacy



Original Color

128.3780, -18.9800, -8.4520

Protanomaly

130.7820, -5.3180, -2.7420

Deuteranomaly

131.5590, -3.0720, 0.6080

Tritanomaly

129.3010, -20.0810, -5.0170

Monochromacy



Original Color

128.3780, -18.9800, -8.4520

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2980, -6.8310, -2.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3780, -18.9800, -8.4520 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, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(105, 139, 135)  
}
```

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, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 139, 135) }
```

Border

The CSS property to change the border of an element to YIQ 128.3780, -18.9800, -8.4520 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, 139, 135) }
```


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

```
.border{ border-color:rgb(105, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(105, 139,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3780, -18.9800, -8.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 139, 135) }
```

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

```
.background{ background-color: rgb(105,  
139, 135) }
```

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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