

Converting Colors

YIQ(127.3450, -23.3810,
-11.2930)

Have a look what the booklet for
YIQ(127.3450, -23.3810, -11.2930)
contains.

YIQ(127.3450, -23.3810, -11.2930)	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(127.3450, -23.3810,
-11.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	628D86
RGB	98, 141, 134
RGB Percent	38%, 55%, 53%
CMY	0.6158, 0.4470, 0.4746
CMYK	0.31, 0.00, 0.05, 0.45
HSL	170°, 18%, 47%
HSV	170°, 31%, 55%
XYZ	18.8631, 23.3708, 26.0629
YIQ	127.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

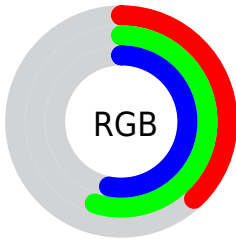
Format	Color
R_{YB}	98, 121, 141
Decimal	6458758
CIE _{Lab}	55.45, -16.33, -0.99
CIE _{LCh}	55, 16.364, 183.455
Yxy	23.3708, 0.2762, 0.3422
Android (android.graphics.Color)	4284648838 (0xFF628D86)
YUV	127.3450, 3.2809, -25.7356
Hunter-Lab	48.3434, -14.9520, 1.8759

Details

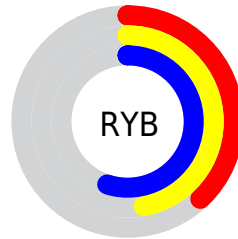
The YIQ color **127.3450, -23.3810, -11.2930** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.6550, 23.3810, 11.2930**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.6330, -24.2520, -12.0280**, and **77.6440, -22.7850, -11.0810** is the 20% darker color. If you saturate the color by 10%, you get **122.9310, -31.0830, -14.8830**, and if you desaturate by 10%, it is **131.7590, -15.6790, -7.7030**.

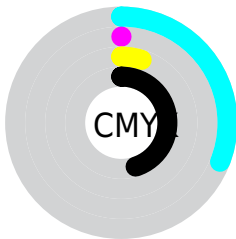
Distribution



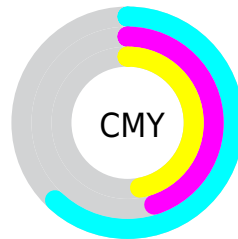
- Red (38%)
- Green (55%)
- Blue (53%)



- Red (38%)
- Yellow (47%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3450, -23.3810, -11.2930 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 127.3450, -23.3810, -11.2930 by changing the saturation by 10% instead.

■ 127.3450,
-23.3810, -11.2930

■ 127.3450,
-23.3810, -11.2930

■ 255.0000, -0.0000,
-0.0000

■ 101.7580,
-23.1060, -10.7700

■ 180.6330,
-24.2520, -12.0280

■ 77.6440, -22.7850,
-11.0810

■ 208.3340,
-24.8480, -12.2400

■ 53.7580, -23.1060,
-10.7700

■ 236.3340,
-24.8480, -12.2400

■ 30.9750, -25.2150,
-11.0950

■ 248.4220,
-13.1120, -4.6640

■ 16.8410, -12.9740,
-7.1660

■ 0.0000, 0.0000,
0.0000

■ 127.3450,
-23.3810, -11.2930

■ 127.3450,
-23.3810, -11.2930

■ 122.9310,
-31.0830, -14.8830

■ 131.7590,
-15.6790, -7.7030

■ 118.4030,
-38.4640, -18.7840

■ 136.2870, -8.2980,
-3.8020

■ 113.9890,
-46.1660, -22.3740

■ 140.7010, -0.5960,
-0.2120

■ 109.5750,
-53.8680, -25.9640

■ 145.1150, 7.1060,
3.3780

■ 104.7480,
-61.8450, -30.0770

■ 149.6430, 14.4870,
7.2790

■ 100.3340,
-69.5470, -33.6670

■ 154.3560, 22.7850,
11.0810

■ 96.2190, -76.6530,
-37.0450

■ 158.7700, 30.4870,
14.6710

■ 163.1840, 38.1890,

18.2610

■ 167.7120, 45.5700,
22.1620

Harmonies

Analogous

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



128.7500, -11.4600, -12.5800



127.3450, -23.3810, -11.2930



127.1580, -29.9840, -7.2640

Triad

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



127.3450, -23.3810, -11.2930



134.4700, -3.8990, 10.0930



133.7930, 22.5120, -0.4960

Complementary

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



127.3450, -23.3810, -11.2930



111.6550, 23.3810, 11.2930

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.



134.6780, 24.5740, 6.1900



127.3450, -23.3810, -11.2930



135.7660, 9.9470, 12.4670

Square

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



127.3450, -23.3810, -11.2930



132.0060, -17.3320, 5.7400



135.3880, 19.7590, 10.8550



131.9120, 14.6270, -6.2770

Rectangle

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



127.3450, -23.3810, -11.2930



128.5650, -29.5720, -3.7160



135.3880, 19.7590, 10.8550



133.8580, 23.8870, 2.1190

Sweetspot

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



127.3450, -23.3810, -11.2930



178.5750, -9.1690, -4.5370



125.3340, -7.6530, -21.0050



88.7820, -5.3180, -2.7420



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.



127.3450, -23.3810, -11.2930



162.3000, -36.6760, -18.1480



119.9250, -21.7780, -1.7940



68.7930, -3.8510, -1.7950



92.1270, -73.3980, -35.4620



5.3800, -4.1260, -2.3180

Inverse Universe

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



111.6550, 23.3810, 11.2930



137.5860, 36.9970, 17.8370



119.0750, 21.7780, 1.7940



66.2070, 3.8510, 1.7950



42.8730, 73.3980, 35.4620



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 127.3450, -23.3810, -11.2930 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 127.3450, -23.3810, -11.2930 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 127.3450, -23.3810, -11.2930 Background



This preview shows how black text looks on a background with the YIQ color 127.3450, -23.3810, -11.2930.



This preview shows how white text looks on a background with the YIQ color 127.3450, -23.3810, -11.2930.

-11.2930.

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

127.3450, -23.3810, -11.2930

Protanopia

132.5550, 2.7510, -0.2970

Deuteranopia

133.5110, 6.0510, 5.9790



Tritanopia

129.1910, -25.5830, -4.4230

Trichromacy



Original Color

127.3450, -23.3810, -11.2930

Protanomaly

130.6570, -6.4640, -4.0000

Deuteranomaly

131.5480, -4.5390, -0.3390

Tritanomaly

128.7950, -24.5280, -7.0240

Monochromacy



Original Color

127.3450, -23.3810, -11.2930

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3450, -23.3810, -11.2930 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(98, 141, 134)` looks like.

```
.text, #text, p{  
    color:rgb(98, 141, 134)  
}
```

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(98, 141, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 141, 134) }
```

Border

The CSS property to change the border of an element to YIQ 127.3450, -23.3810, -11.2930 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(98, 141, 134) }
```


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

```
.border{ border-color:rgb(98, 141, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 141, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 141, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 141, 134);  
box-shadow:4px 4px 4px 4px rgb(98, 141,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3450, -23.3810, -11.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 141, 134) }
```

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

```
.background{ background-color: rgb(98, 141,  
134) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor