

Converting Colors

YIQ(119.3550, -12.1460,
-22.1780)

Have a look what the booklet for
YIQ(119.3550, -12.1460, -22.1780)
contains.

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Color

**YIQ(119.3550, -12.1460,
-22.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	5E895F
RGB	94, 137, 95
RGB Percent	37%, 54%, 37%
CMY	0.6315, 0.4627, 0.6275
CMYK	0.31, 0.00, 0.31, 0.46
HSL	121°, 19%, 45%
HSV	121°, 31%, 54%
XYZ	15.6263, 21.1005, 14.0747
YIQ	119.3550, -12.1460, -22.1780

Conversions

Conversions Part 2

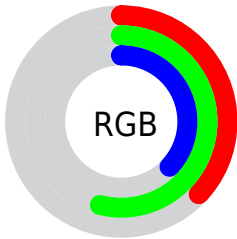
Format	Color
R _Y B	94, 136, 137
Decimal	6195551
CIE Lab	53.06, -23.76, 17.94
CIE LCh	53, 29.773, 142.939
Yxy	21.1005, 0.3076, 0.4154
Android (android.graphics.Color)	4284385631 (0xFF5E895F)
YUV	119.3550, -12.0070, -22.2363
Hunter-Lab	45.9353, -19.6645, 13.9881

Details

The YIQ color **119.3550, -12.1460, -22.1780** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **111.6450, 12.1460, 22.1780**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4150, -12.3750, -23.5350**, and **69.9960, -12.5130, -21.0330** is the 20% darker color. If you saturate the color by 10%, you get **113.6870, -16.3170, -29.1890**, and if you desaturate by 10%, it is **125.0230, -7.9750, -15.1670**.

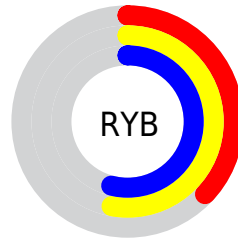
Distribution



Red (37%)

Green (54%)

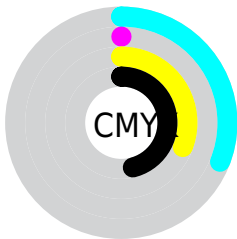
Blue (37%)



Red (37%)

Yellow (53%)

Blue (54%)

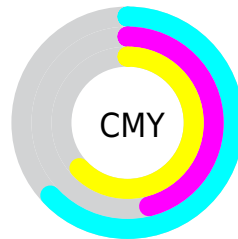


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3550, -12.1460, -22.1780 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 119.3550, -12.1460, -22.1780 by changing the saturation by 10% instead.

■ 119.3550,
-12.1460, -22.1780

■ 119.3550,
-12.1460, -22.1780

■ 255.0000, -0.0000,
-0.0000

■ 93.8820, -12.1920,
-21.3440

■ 172.4150,
-12.3750, -23.5350

■ 69.9960, -12.5130,
-21.0330

■ 199.8880,
-12.3290, -24.3690

■ 46.3380, -13.4760,
-20.1000

■ 227.5890,
-12.9250, -24.5810

■ 24.2950, -11.9170,
-20.8210

■ 244.1480, -6.8290,
-13.9090

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 119.3550,
-12.1460, -22.1780

■ 119.3550,
-12.1460, -22.1780

■ 113.6870,
-16.3170, -29.1890

■ 125.0230, -7.9750,
-15.1670

■ 108.2040,
-19.5710, -36.2990

■ 130.5060, -4.7210,
-8.0570

■ 102.5360,
-23.7420, -43.3100

■ 136.1740, -0.5500,
-1.0460

■ 96.7540, -27.5920,
-50.6320

■ 141.8420, 3.6210,
5.9650

■ 91.0860, -31.7630,
-57.6430

■ 147.3250, 6.8750,
13.0750

■ 85.7170, -35.3380,
-64.4420

■ 152.9930, 11.0460,
20.0860

■ 80.7610, -38.6380,
-70.7180

■ 158.7750, 14.8960,
27.4080

■ 164.4430, 19.0670,

34.4190

■ 169.8120, 22.6420,
41.2180

Harmonies

Analogous

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



122.9790, 12.5200, -17.6560



119.3550, -12.1460, -22.1780



114.0990, -40.6640, -22.9680

Triad

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



119.3550, -12.1460, -22.1780



120.6960, -45.7580, 3.2820



128.6310, 41.1240, 14.6280

Complementary

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



119.3550, -12.1460, -22.1780



111.6450, 12.1460, 22.1780

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.



129.5130, 30.0730, 22.1770



119.3550, -12.1460, -22.1780



127.6290, -17.2880, 15.9600

Square

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



119.3550, -12.1460, -22.1780



110.2210, -69.8260, -12.0820



130.0900, 9.3950, 22.4750



127.0680, 40.8510, 3.0510

Rectangle

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



119.3550, -12.1460, -22.1780



108.8610, -60.4250, -22.7690



130.0900, 9.3950, 22.4750



128.9560, 38.8310, 17.6390

Sweetspot

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



119.3550, -12.1460, -22.1780



172.0930, -4.9960, -8.5800



131.7990, 13.2070, -13.5850



84.9840, -3.0710, -4.9190



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.



119.3550, -12.1460, -22.1780



151.0300, -19.0210, -35.2530



121.7490, -18.8870, -15.6470



66.1090, -1.9250, -3.6610



78.4130, -37.5380, -68.6260



2.9350, -1.3750, -2.6150

Inverse Universe

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



111.6450, 12.1460, 22.1780



138.8560, 19.3420, 34.9420



109.2510, 18.8870, 15.6470



64.8910, 1.9250, 3.6610



54.4730, 37.8590, 68.3150



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 119.3550, -12.1460, -22.1780 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 119.3550, -12.1460, -22.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

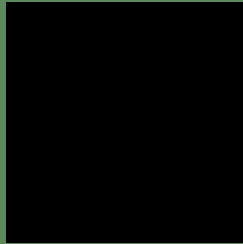
Any Text WCAG AA ✓ Pass

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 119.3550, -12.1460, -22.1780 Background



This preview shows how black text looks on a background with the YIQ color 119.3550, -12.1460, -22.1780.



This preview shows how white text looks on a background with the YIQ color 119.3550, -12.1460, -22.1780.

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

119.3550, -12.1460, -22.1780

Protanopia

124.8860, 17.5160, -9.0760

Deuteranopia

126.4510, 23.4750, -1.4290



Tritanopia

123.8820, -20.2190, -2.5150

Trichromacy



Original Color

119.3550, -12.1460, -22.1780

Protanomaly

122.9770, 6.8340, -13.7260

Deuteranomaly

123.8790, 10.2260, -9.1180

Tritanomaly

122.2210, -17.1000, -9.4840

Monochromacy



Original Color

119.3550, -12.1460, -22.1780

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3920, -4.4000, -8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3550, -12.1460, -22.1780 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(94, 137, 95)` looks like.

```
.text, #text, p{  
    color:rgb(94, 137, 95)  
}
```

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(94, 137, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 95) }
```

Border

The CSS property to change the border of an element to YIQ 119.3550, -12.1460, -22.1780 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(94, 137, 95) }
```


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

```
.border{ border-color:rgb(94, 137, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 137, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 137, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 137, 95);  
box-shadow:4px 4px 4px 4px rgb(94, 137,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3550, -12.1460, -22.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 95) }
```

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

```
.background{ background-color: rgb(94, 137,  
95) }
```

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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