

# Converting Colors

YIQ(118.0180, -1.5520,  
-37.9680)

Have a look what the booklet for  
YIQ(118.0180, -1.5520, -37.9680)  
contains.

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# Color

**YIQ(118.0180, -1.5520,  
-37.9680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D8F37
RGB	93, 143, 55
RGB Percent	36%, 56%, 22%
CMY	0.6355, 0.4391, 0.7842
CMYK	0.35, 0.00, 0.62, 0.44
HSL	94°, 44%, 39%
HSV	94°, 62%, 56%
XYZ	15.0253, 22.2520, 7.1196
YIQ	118.0180, -1.5520, -37.9680

# Conversions

## Conversions Part 2

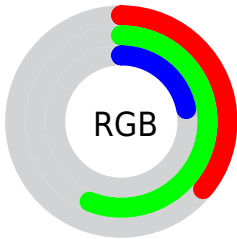
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 143, 105
Decimal	6131511
CIELab	54.29, -32.64, 40.62
CIELCh	54, 52.107, 128.779
Yxy	22.2520, 0.3384, 0.5012
Android (android.graphics.Color)	4284321591 (0xFF5D8F37)
YUV	118.0180, -31.0679, -21.9408
Hunter-Lab	47.1720, -25.6951, 24.0719

# Details

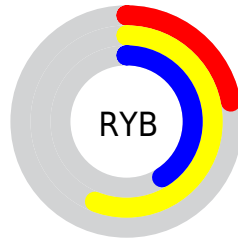
The YIQ color **118.0180, -1.5520, -37.9680** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **79.9820, 1.5520, 37.9680**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2630, -0.8640, -39.4240**, and **66.2630, -0.8640, -39.4240** is the 20% darker color. If you saturate the color by 10%, you get **114.0300, -1.8260, -44.0180**, and if you desaturate by 10%, it is **122.0060, -1.2780, -31.9180**.

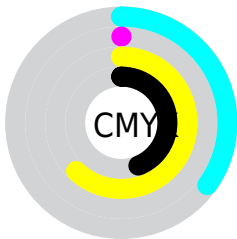
# Distribution



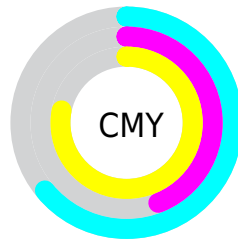
- Red (36%)
- Green (56%)
- Blue (22%)



- Red (22%)
- Yellow (56%)
- Blue (41%)



- Cyan (35%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0180, -1.5520, -37.9680 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 118.0180, -1.5520, -37.9680 by changing the saturation by 10% instead.



■ 118.0180, -1.5520,  
-37.9680

■ 118.0180, -1.5520,  
-37.9680

■ 255.0000, -0.0000,  
-0.0000

■ 92.1320, -1.8730,  
-37.6570

■ 171.2630, -0.8640,  
-39.4240

■ 66.2630, -0.8640,  
-39.4240

■ 199.0350, -0.2220,  
-40.0460

■ 44.1020, -10.3560,  
-32.5960

■ 227.5080, -0.1760,  
-40.8800

■ 26.4150, -12.3750,  
-23.5350

■ 239.9580, 7.8450,  
-26.5470

■ 14.0880, -6.6000,  
-12.5520

■ 250.3260, 13.1610,  
-12.7510

■ 0.0000, 0.0000,  
0.0000

■ 253.5180, 4.1730,

-4.0430

■ 118.0180, -1.5520,  
-37.9680

■ 118.0180, -1.5520,  
-37.9680

■ 114.0300, -1.8260,  
-44.0180

■ 122.0060, -1.2780,  
-31.9180

■ 109.9280, -1.7790,  
-50.3790

■ 126.1080, -1.3250,  
-25.5570

■ 105.9400, -2.0530,  
-56.4290

■ 130.0960, -1.0510,  
-19.5070

■ 102.4790, -2.3730,  
-61.6450

■ 134.3830, -0.1810,  
-13.2450

■ 138.4850, -0.2280,  
-6.8840

■ 142.4730, 0.0460,  
-0.8340

■ 146.4610, 0.3200,  
5.2160

■ 150.4490, 0.5940,  
11.2660

■ 154.5510, 0.5470,  
17.6270

# Harmonies

## Analogous

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



123.2910, 37.4640, -29.1920



118.0180, -1.5520, -37.9680



98.4070, -71.7910, -48.0710

# Triad

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



118.0180, -1.5520, -37.9680



108.2230, -107.6980, -8.5460



128.4960, 64.2740, 35.6180

# Complementary

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



118.0180, -1.5520, -37.9680



79.9820, 1.5520, 37.9680

# 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.



131.7660, 37.4510, 42.6590



118.0180, -1.5520, -37.9680



120.1130, -68.5010, 13.4750

# Square

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



118.0180, -1.5520, -37.9680



109.1400, -100.6350, -20.9150



133.0950, -6.1960, 35.2120



127.4850, 70.8340, 15.8420



# Rectangle

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



118.0180, -1.5520, -37.9680



103.0010, -81.9710, -39.7870



133.0950, -6.1960, 35.2120



129.4230, 57.3500, 39.9580

# Sweetspot

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



118.0180, -1.5520, -37.9680



176.5570, -0.7310, -14.2910



110.6620, 38.6980, -7.4940



88.4310, -0.1360, -8.5520



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



118.0180, -1.5520, -37.9680



146.9460, -2.1900, -59.4540



107.3400, -26.1260, -44.1580



69.0060, -0.1370, -3.0250



96.5870, -2.5570, -58.3090



5.5930, -0.4120, -3.5480



# Inverse Universe

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



79.9820, 1.5520, 37.9680



87.3530, 2.7860, 59.6660



90.6600, 26.1260, 44.1580



65.9940, 0.1370, 3.0250



38.4130, 2.5570, 58.3090



2.1080, -0.1840, 3.3360



# Previews

## White Background



This preview shows how the YIQ color 118.0180, -1.5520, -37.9680 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 118.0180, -1.5520, -37.9680 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 118.0180, -1.5520, -37.9680

## Background



This preview shows how black text looks on a background with the YIQ color 118.0180, -1.5520, -37.9680.



This preview shows how white text looks on a background with the YIQ color 118.0180, -1.5520,

-37.9680.

# 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

118.0180, -1.5520, -37.9680

### Protanopia

125.1800, 33.7030, -21.6010

### Deuteranopia

126.9950, 41.9540, -11.4380



## Tritanopia

126.8820, -20.2190, -2.5150

# Trichromacy



## Original Color

118.0180, -1.5520, -37.9680

## Protanomaly

122.5480, 20.6830, -27.9330

## Deuteranomaly

123.7000, 26.3670, -20.8090

## Tritanomaly

123.3860, -13.4310, -15.4070

# Monochromacy



## Original Color

118.0180, -1.5520, -37.9680

## Achromatopsia

118.0000, 0.0000, -0.0000

## Achromatomaly

117.9700, -0.4560, -13.7680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 118.0180, -1.5520, -37.9680 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(93, 143, 55)` looks like.

```
.text, #text, p{  
    color:rgb(93, 143, 55)  
}
```

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(93, 143, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 143, 55) }
```

## Border

The CSS property to change the border of an element to YIQ 118.0180, -1.5520, -37.9680 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(93, 143, 55) }
```



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

```
.border{ border-color:rgb(93, 143, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 143, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 143, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 143, 55);  
box-shadow:4px 4px 4px 4px rgb(93, 143,  
55) }
```

# Background

The CSS property to change the background color of an element to YIQ 118.0180, -1.5520, -37.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 143, 55) }
```

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

```
.background{ background-color: rgb(93, 143,  
55) }
```

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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