

Converting Colors

YIQ(118.0250, -37.8200,
-30.4600)

Have a look what the booklet for
YIQ(118.0250, -37.8200, -30.4600)
contains.

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Color

**YIQ(118.0250, -37.8200,
-30.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	3F946C
RGB	63, 148, 108
RGB Percent	25%, 58%, 42%
CMY	0.7532, 0.4195, 0.5766
CMYK	0.57, 0.00, 0.27, 0.42
HSL	152°, 40%, 41%
HSV	152°, 57%, 58%
XYZ	15.3469, 23.3279, 17.8728
YIQ	118.0250, -37.8200, -30.4600

Conversions

Conversions Part 2

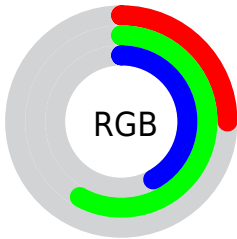
Format	Color
R _Y B	63, 119, 148
Decimal	4166764
CIE Lab	55.41, -35.53, 13.61
CIE LCh	55, 38.045, 159.037
Yxy	23.3279, 0.2714, 0.4125
Android (android.graphics.Color)	4282356844 (0xFF3F946C)
YUV	118.0250, -4.9423, -48.2569
Hunter-Lab	48.2990, -27.8054, 11.8694

Details

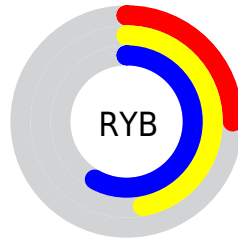
The YIQ color **118.0250, -37.8200, -30.4600** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92.9750, 37.8200, 30.4600**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.6830, -36.8570, -31.3930**, and **63.1920, -45.6600, -31.5480** is the 20% darker color. If you saturate the color by 10%, you get **112.7420, -44.5130, -35.8170**, and if you desaturate by 10%, it is **123.3080, -31.1270, -25.1030**.

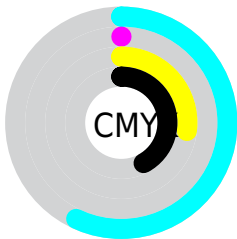
Distribution



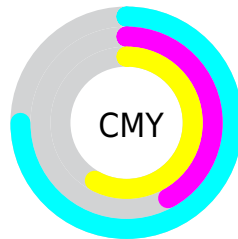
- Red (25%)
- Green (58%)
- Blue (42%)



- Red (25%)
- Yellow (47%)
- Blue (58%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0250, -37.8200, -30.4600 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 118.0250, -37.8200, -30.4600 by changing the saturation by 10% instead.

■ 118.0250,
-37.8200, -30.4600

■ 118.0250,
-37.8200, -30.4600

■ 255.0000, -0.0000,
-0.0000

■ 91.0570, -40.8460,
-30.6860

■ 172.6830,
-36.8570, -31.3930

■ 63.1920, -45.6600,
-31.5480

■ 200.2700,
-37.1320, -31.9160

■ 46.5960, -31.9980,
-25.8380

■ 225.8080,
-35.7110, -30.1350

■ 30.8150, -19.2530,
-20.0290

■ 237.7850,
-27.7360, -14.9680

■ 15.8490, -7.4250,
-14.1210

■ 247.8240,
-14.3040, -5.0880

■ 0.0000, 0.0000,
0.0000

■ 118.0250,
-37.8200, -30.4600

■ 118.0250,
-37.8200, -30.4600

■ 112.7420,
-44.5130, -35.8170

■ 123.3080,
-31.1270, -25.1030

■ 107.4590,
-51.2060, -41.1740

■ 128.5910,
-24.4340, -19.7460

■ 102.4750,
-57.3030, -46.3190

■ 133.5750,
-18.3370, -14.6010

■ 97.1920, -63.9960,
-51.6760

■ 138.8580,
-11.6440, -9.2440

■ 95.7680, -65.7380,
-53.1460

■ 144.1410, -4.9510,
-3.8870

■ 149.4240, 1.7420,
1.4700

■ 154.7070, 8.4350,
6.8270

■ 159.6910, 14.5320,

11.9720

■ 164.9740, 21.2250,
17.3290

Harmonies

Analogous

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



125.3530, -0.6370, -27.0130



118.0250, -37.8200, -30.4600



104.2380, -86.8320, -34.2880

Triad

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



118.0250, -37.8200, -30.4600



129.9450, -41.7250, 12.7950



132.8680, 53.4580, 11.3620

Complementary

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



118.0250, -37.8200, -30.4600



92.9750, 37.8200, 30.4600

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.



134.6630, 47.2660, 24.4660



118.0250, -37.8200, -30.4600



135.9670, -3.2600, 26.0520

Square

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



118.0250, -37.8200, -30.4600



105.4700, -101.3240, -13.9320



136.2990, 28.1000, 30.4040



131.7230, 45.8960, -5.7840

Rectangle

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



118.0250, -37.8200, -30.4600



106.1590, -93.6190, -26.9230



136.2990, 28.1000, 30.4040



133.6170, 52.9070, 15.8430

Sweetspot

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



118.0250, -37.8200, -30.4600



179.7220, -14.2570, -11.4490



125.1540, 1.0610, -35.7630



90.2930, -8.4350, -6.8270



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



118.0250, -37.8200, -30.4600



144.4640, -58.7700, -47.2660



121.9980, -50.3850, -17.4970



71.4510, -2.8880, -2.7280



89.3280, -61.3830, -49.4710



6.4400, -4.3550, -3.6750

Inverse Universe

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



92.9750, 37.8200, 30.4600



105.5360, 58.7700, 47.2660



89.0020, 50.3850, 17.4970



69.4350, 3.2090, 2.4170



48.6720, 61.3830, 49.4710



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 118.0250, -37.8200, -30.4600 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 118.0250, -37.8200, -30.4600 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 118.0250, -37.8200, -30.4600 Background



This preview shows how black text looks on a background with the YIQ color 118.0250, -37.8200, -30.4600.



This preview shows how white text looks on a background with the YIQ color 118.0250, -37.8200, -30.4600.

-30.4600.

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

118.0250, -37.8200, -30.4600

Protanopia

131.0430, 15.6360, -8.0440

Deuteranopia

132.5800, 18.7980, 0.7340



Tritanopia

123.9330, -42.5920, -10.0480

Trichromacy



Original Color

118.0250, -37.8200, -30.4600

Protanomaly

126.5350, -3.6650, -16.1850

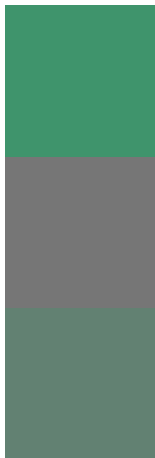
Deuteranomaly

127.4800, -1.8320, -10.8560

Tritanomaly

121.6740, -40.6650, -17.4410

Monochromacy



Original Color

118.0250, -37.8200, -30.4600

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0210, -13.6610, -11.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0250, -37.8200, -30.4600 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(63, 148, 108)` looks like.

```
.text, #text, p{  
    color:rgb(63, 148, 108)  
}
```

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(63, 148, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 148, 108) }
```

Border

The CSS property to change the border of an element to YIQ 118.0250, -37.8200, -30.4600 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(63, 148, 108) }
```


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

```
.border{ border-color:rgb(63, 148, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 148, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 148, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 148, 108);  
box-shadow:4px 4px 4px 4px rgb(63, 148,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0250, -37.8200, -30.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 148, 108) }
```

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

```
.background{ background-color: rgb(63, 148,  
108) }
```

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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