

Converting Colors

YIQ(109.8590, -13.3850,
-16.2410)

Have a look what the booklet for
YIQ(109.8590, -13.3850, -16.2410)
contains.

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Color

**YIQ(109.8590, -13.3850,
-16.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	577C61
RGB	87, 124, 97
RGB Percent	34%, 49%, 38%
CMY	0.6589, 0.5137, 0.6196
CMYK	0.30, 0.00, 0.22, 0.51
HSL	136°, 18%, 41%
HSV	136°, 30%, 49%
XYZ	13.2949, 17.3070, 13.9471
YIQ	109.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

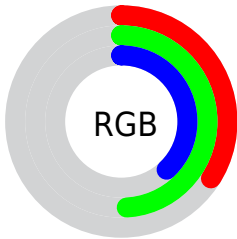
Format	Color
R_{YB}	87, 116, 124
Decimal	5733473
CIE _{Lab}	48.64, -19.09, 10.64
CIE _{LCh}	49, 21.856, 150.873
Yxy	17.3070, 0.2984, 0.3885
Android (android.graphics.Color)	4283923553 (0xFF577C61)
YUV	109.8590, -6.3395, -20.0473
Hunter-Lab	41.6017, -15.7590, 9.2440

Details

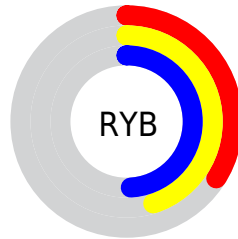
The YIQ color **109.8590, -13.3850, -16.2410** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **101.1410, 13.3850, 16.2410**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0330, -13.9350, -17.2870**, and **61.7990, -13.1560, -14.8840** is the 20% darker color. If you saturate the color by 10%, you get **105.2450, -17.6480, -21.5840**, and if you desaturate by 10%, it is **114.4730, -9.1220, -10.8980**.

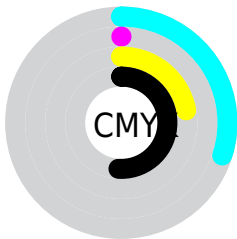
Distribution



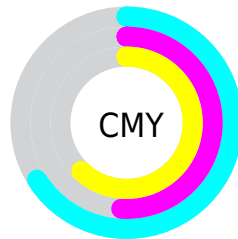
- Red (34%)
- Green (49%)
- Blue (38%)



- Red (34%)
- Yellow (45%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.8590, -13.3850, -16.2410 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 109.8590, -13.3850, -16.2410 by changing the saturation by 10% instead.

■ 109.8590,
-13.3850, -16.2410

■ 109.8590,
-13.3850, -16.2410

■ 255.0000, -0.0000,
-0.0000

■ 85.2720, -13.1100,
-15.7180

■ 162.0330,
-13.9350, -17.2870

■ 61.7990, -13.1560,
-14.8840

■ 188.6200,
-14.2100, -17.8100

■ 38.9130, -13.4770,
-14.5730

■ 217.2070,
-14.4850, -18.3330

■ 18.7670, -10.1300,
-14.6580

■ 241.6850,
-12.8350, -15.1950

■ 0.0000, 0.0000,
0.0000

■ 252.9070, -4.1720,
-1.4840

■ 109.8590,
-13.3850, -16.2410

■ 109.8590,
-13.3850, -16.2410

■ 105.2450,
-17.6480, -21.5840

■ 114.4730, -9.1220,
-10.8980

■ 100.3320,
-22.5070, -27.1390

■ 119.3860, -4.2630,
-5.3430

■ 95.7180, -26.7700,
-32.4820

■ 124.0000, -0.0000,
-0.0000

■ 90.8050, -31.6290,
-38.0370

■ 128.9130, 4.8590,
5.5550

■ 86.1910, -35.8920,
-43.3800

■ 133.5270, 9.1220,
10.8980

■ 81.5770, -40.1550,
-48.7230

■ 138.1410, 13.3850,
16.2410

■ 76.6640, -45.0140,
-54.2780

■ 143.0540, 18.2440,
21.7960

■ 147.6680, 22.5070,

27.1390

■ 152.5810, 27.3660,
32.6940

Harmonies

Analogous

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



112.1940, 4.7250, -14.0510



109.8590, -13.3850, -16.2410



107.1050, -31.6330, -15.9290

Triad

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



109.8590, -13.3850, -16.2410



113.5150, -26.1350, 5.5850



116.9670, 31.1300, 8.5220

Complementary

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



109.8590, -13.3850, -16.2410



101.1410, 13.3850, 16.2410

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.



118.2470, 24.7100, 14.7420



109.8590, -13.3850, -16.2410



117.4960, -6.7880, 12.8920

Square

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



109.8590, -13.3850, -16.2410



108.7040, -40.2090, -3.6730



118.7710, 11.5510, 16.4390



116.0280, 29.1600, 0.1680

Rectangle

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



109.8590, -13.3850, -16.2410



106.1950, -40.5740, -13.5820



118.7710, 11.5510, 16.4390



117.3630, 30.0750, 11.1230

Sweetspot

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



109.8590, -13.3850, -16.2410



155.2610, -5.4090, -6.6010



116.7920, 5.9170, -13.6270



78.5110, -3.1170, -4.0850



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



109.8590, -13.3850, -16.2410



138.7560, -20.7650, -25.6690



111.9110, -19.1630, -10.6430



58.7500, -2.2920, -2.5160



77.2510, -45.2890, -54.8010



155.6760, -91.1280, -110.6480

Inverse Universe

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



101.1410, 13.3850, 16.2410



125.1300, 21.0860, 25.3580



99.0890, 19.1630, 10.6430



57.3640, 1.9710, 2.8270



47.7490, 45.2890, 54.8010



96.3240, 91.1280, 110.6480

Previews

White Background



This preview shows how the YIQ color 109.8590, -13.3850, -16.2410 looks on a white 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

Black Background



This preview shows how the YIQ color 109.8590, -13.3850, -16.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

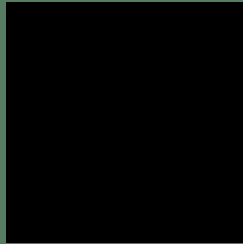
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.8590, -13.3850, -16.2410 Background



This preview shows how black text looks on a background with the YIQ color 109.8590, -13.3850, -16.2410.



This preview shows how white text looks on a background with the YIQ color 109.8590, -13.3850, -16.2410.

-16.2410.

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

109.8590, -13.3850, -16.2410

Protanopia

114.5850, 11.2340, -5.3580

Deuteranopia

116.0250, 16.0470, 1.0310



Tritanopia

112.9530, -18.9810, -2.9250

Trichromacy



Original Color

109.8590, -13.3850, -16.2410

Protanomaly

112.5730, 2.3400, -9.3720

Deuteranomaly

114.0620, 5.4570, -5.2870

Tritanomaly

111.5740, -16.5960, -7.6040

Monochromacy



Original Color

109.8590, -13.3850, -16.2410

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.8590, -13.3850, -16.2410 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(87, 124, 97)` looks like.

```
.text, #text, p{  
    color:rgb(87, 124, 97)  
}
```

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(87, 124, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 124, 97) }
```

Border

The CSS property to change the border of an element to YIQ 109.8590, -13.3850, -16.2410 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(87, 124, 97) }
```


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

```
.border{ border-color:rgb(87, 124, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 124, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 124, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 124, 97);  
box-shadow:4px 4px 4px 4px rgb(87, 124,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 109.8590, -13.3850, -16.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 124, 97) }
```

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

```
.background{ background-color: rgb(87, 124,  
97) }
```

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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