

Converting Colors

YIQ(130.9780, -38.4650,
-13.2570)

Have a look what the booklet for
YIQ(130.9780, -38.4650, -13.2570)
contains.

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Color

**YIQ(130.9780, -38.4650,
-13.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	569697
RGB	86, 150, 151
RGB Percent	34%, 59%, 59%
CMY	0.6629, 0.4116, 0.4080
CMYK	0.43, 0.01, 0.00, 0.41
HSL	181°, 27%, 46%
HSV	181°, 43%, 59%
XYZ	20.3276, 26.0310, 33.2146
YIQ	130.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

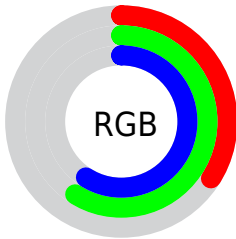
Format	Color
R_{YB}	86, 118, 151
Decimal	5674647
CIE _{Lab}	58.07, -20.24, -6.93
CIE _{LCh}	58, 21.396, 198.906
Yxy	26.0310, 0.2555, 0.3271
Android (android.graphics.Color)	4283864727 (0xFF569697)
YUV	130.9780, 9.8708, -39.4457
Hunter-Lab	51.0206, -18.1682, -2.8837

Details

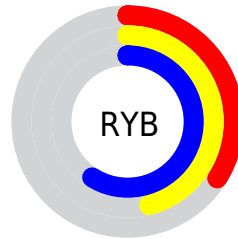
The YIQ color **130.9780, -38.4650, -13.2570** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.0220, 38.4650, 13.2570**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.9780, -38.4650, -13.2570**, and **78.7820, -40.8490, -14.1050** is the 20% darker color. If you saturate the color by 10%, you get **126.4930, -47.4050, -16.4370**, and if you desaturate by 10%, it is **135.4630, -29.5250, -10.0770**.

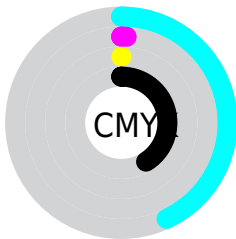
Distribution



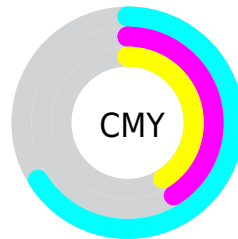
- Red (34%)
- Green (59%)
- Blue (59%)



- Red (34%)
- Yellow (46%)
- Blue (59%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9780, -38.4650, -13.2570 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 130.9780, -38.4650, -13.2570 by changing the saturation by 10% instead.

■ 130.9780,
-38.4650, -13.2570

■ 130.9780,
-38.4650, -13.2570

■ 255.0000, -0.0000,
-0.0000

■ 104.6790,
-39.0610, -13.4690

■ 184.9780,
-38.4650, -13.2570

■ 78.7820, -40.8490,
-14.1050

■ 213.2660,
-39.3360, -13.9920

■ 52.6890, -45.0210,
-15.5890

■ 237.0600,
-35.7600, -12.7200

■ 36.6800, -31.6340,
-10.4020

■ 245.7310,
-18.4760, -6.5720

■ 21.8450, -18.7970,
-6.2610

■ 254.4020, -1.1920,
-0.4240

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 130.9780,
-38.4650, -13.2570

■ 130.9780,
-38.4650, -13.2570

■ 126.4930,
-47.4050, -16.4370

■ 135.4630,
-29.5250, -10.0770

■ 122.0080,
-56.3450, -19.6170

■ 139.9480,
-20.5850, -6.8970

■ 116.9360,
-65.0100, -22.2740

■ 145.0200,
-11.9200, -4.2400

■ 112.4510,
-73.9500, -25.4540

■ 149.5050, -2.9800,
-1.0600

■ 107.6670,
-83.4860, -28.8460

■ 153.9900, 5.9600,
2.1200

■ 104.6770,
-89.4460, -30.9660

■ 158.7740, 15.4960,
5.5120

■ 163.8460, 24.1610,
8.1690

■ 168.3310, 33.1010,
11.3490

■ 172.8160, 42.0410,
14.5290

Harmonies

Analogous

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



132.6990, -24.6180, -16.4100



130.9780, -38.4650, -13.2570



132.2260, -41.8590, -6.8110

Triad

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



130.9780, -38.4650, -13.2570



142.5360, 4.9030, 15.7750



139.4140, 24.8970, -5.1750

Complementary

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



130.9780, -38.4650, -13.2570



106.0220, 38.4650, 13.2570

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.



140.8050, 31.4060, 3.5180



130.9780, -38.4650, -13.2570



142.7350, 20.4000, 15.7600

Square

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



130.9780, -38.4650, -13.2570



140.1360, -14.5820, 10.9700



141.7760, 30.3500, 11.6460



137.3690, 11.6020, -12.0300

Rectangle

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



130.9780, -38.4650, -13.2570



134.8510, -36.1290, -0.5210



141.7760, 30.3500, 11.6460



139.9630, 27.7850, -2.4470

Sweetspot

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



130.9780, -38.4650, -13.2570



188.5250, -14.9000, -5.3000



124.1550, -17.8750, -33.9950



94.5150, -8.9400, -3.1800



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



130.9780, -38.4650, -13.2570



164.9150, -60.5170, -21.1010



112.1940, -29.6650, 3.4790



74.0210, -4.4930, -1.1730



96.9660, -82.8900, -28.6340



9.1130, -7.7480, -2.7560

Inverse Universe

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



112.7310, 18.1960, 33.6840



136.0120, 28.3710, 53.0350



124.2190, 29.9400, -2.9560



72.1900, 2.5210, 3.8730



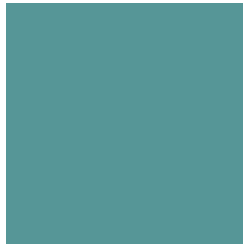
57.5920, 39.1420, 72.5980



5.3690, 3.5750, 6.7990

Previews

White Background



This preview shows how the YIQ color 130.9780, -38.4650, -13.2570 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 130.9780, -38.4650, -13.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

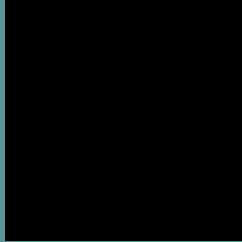
Any Text WCAG AA ✓ Pass

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 130.9780, -38.4650, -13.2570 Background



This preview shows how black text looks on a background with the YIQ color 130.9780, -38.4650, -13.2570.



This preview shows how white text looks on a background with the YIQ color 130.9780, -38.4650, -13.2570.

-13.2570.

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

130.9780, -38.4650, -13.2570

Protanopia

139.2820, -0.7340, 2.2900

Deuteranopia

140.1560, -0.1390, 8.0290



Tritanopia

132.4280, -39.6120, -8.9880

Trichromacy



Original Color

130.9780, -38.4650, -13.2570

Protanomaly

135.9920, -14.7170, -3.1090

Deuteranomaly

136.6980, -13.7090, 0.6510

Tritanomaly

131.6730, -38.9240, -10.4440

Monochromacy



Original Color

130.9780, -38.4650, -13.2570

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9780, -38.4650, -13.2570 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(86, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(86, 150, 151)  
}
```

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(86, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 150, 151) }
```

Border

The CSS property to change the border of an element to YIQ 130.9780, -38.4650, -13.2570 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(86, 150, 151) }
```


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

```
.border{ border-color:rgb(86, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(86, 150,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9780, -38.4650, -13.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 150, 151) }
```

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

```
.background{ background-color: rgb(86, 150,  
151) }
```

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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