

Converting Colors

YIQ(147.9480, -38.9210,
-27.0250)

Have a look what the booklet for
YIQ(147.9480, -38.9210, -27.0250)
contains.

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Color

**YIQ(147.9480, -38.9210,
-27.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB091
RGB	94, 176, 145
RGB Percent	37%, 69%, 57%
CMY	0.6316, 0.3097, 0.4315
CMYK	0.47, 0.00, 0.18, 0.31
HSL	157°, 34%, 53%
HSV	157°, 47%, 69%
XYZ	25.2508, 35.4843, 32.2929
YIQ	147.9480, -38.9210, -27.0250

Conversions

Conversions Part 2

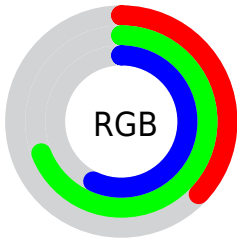
Format	Color
RYB	94, 145, 176
Decimal	6205585
CIELab	66.12, -32.56, 8.22
CIElCh	66, 33.576, 165.835
Yxy	35.4843, 0.2714, 0.3814
Android (android.graphics.Color)	4284395665 (0xFF5EB091)
YUV	147.9480, -1.4534, -47.3124
Hunter-Lab	59.5687, -28.5800, 9.5562

Details

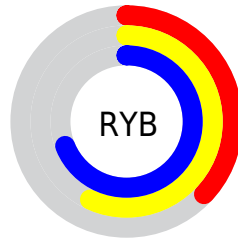
The YIQ color **147.9480, -38.9210, -27.0250** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **122.0520, 38.9210, 27.0250**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4210, -38.8750, -27.8590**, and **94.3930, -41.6720, -26.7280** is the 20% darker color. If you saturate the color by 10%, you get **141.7680, -47.4020, -33.0180**, and if you desaturate by 10%, it is **154.1280, -30.4400, -21.0320**.

Distribution



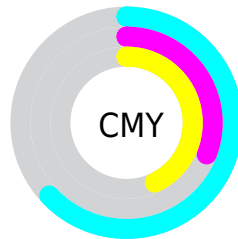
- Red (37%)
- Green (69%)
- Blue (57%)



- Red (37%)
- Yellow (57%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9480, -38.9210, -27.0250 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 147.9480, -38.9210, -27.0250 by changing the saturation by 10% instead.

■ 147.9480,
-38.9210, -27.0250

■ 147.9480,
-38.9210, -27.0250

■ 255.0000, -0.0000,
-0.0000

■ 121.0620,
-39.2420, -26.7140

■ 203.4210,
-38.8750, -27.8590

■ 94.0940, -42.2680,
-26.9400

■ 228.4860,
-37.5000, -25.2440

■ 65.6200, -49.7410,
-29.1730

■ 240.0500,
-29.8000, -10.6000

■ 48.3230, -35.4830,
-23.2510

■ 248.7210,
-12.5160, -4.4520

■ 32.4280, -22.4170,
-17.7530

■ 17.7240, -8.5710,
-15.3790

■ 0.0000, 0.0000,

0.0000

■ 147.9480,
-38.9210, -27.0250

■ 147.9480,
-38.9210, -27.0250

■ 141.7680,
-47.4020, -33.0180

■ 154.1280,
-30.4400, -21.0320

■ 136.0010,
-55.6080, -38.4880

■ 159.8950,
-22.2340, -15.5620

■ 129.8210,
-64.0890, -44.4810

■ 166.0750,
-13.7530, -9.5690

■ 123.9400,
-71.9740, -50.2620

■ 171.9560, -5.8680,
-3.7880

■ 117.8740,
-80.7760, -55.9440

■ 178.0220, 2.9340,
1.8940

■ 115.7380,
-83.3890, -58.1490

■ 184.2020, 11.4150,
7.8870

■ 190.0830, 19.3000,
13.6680

■ 196.1490, 28.1020,
19.3500

■ 202.0300, 35.9870,
25.1310

Harmonies

Analogous

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



153.5850, -7.1020, -25.4860



147.9480, -38.9210, -27.0250



141.3050, -70.6030, -25.5390

Triad

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



147.9480, -38.9210, -27.0250



160.6540, -27.6040, 15.6920



161.7810, 49.1490, 6.8530

Complementary

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



147.9480, -38.9210, -27.0250



122.0520, 38.9210, 27.0250

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.



163.4300, 46.3040, 19.8720



147.9480, -38.9210, -27.0250



164.4470, 4.0760, 25.2600

Square

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



147.9480, -38.9210, -27.0250



151.9870, -59.8790, 0.3850



164.7460, 31.0350, 26.7710



160.0320, 40.5320, -7.6920

Rectangle

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



147.9480, -38.9210, -27.0250



139.8940, -82.3870, -21.2270



164.7460, 31.0350, 26.7710



162.1280, 49.7900, 11.7580

Sweetspot

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



147.9480, -38.9210, -27.0250



218.6510, -15.4950, -11.0390



151.4030, -4.0740, -36.3140



108.1080, -9.3520, -6.7280



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



147.9480, -38.9210, -27.0250



185.8430, -61.1550, -42.5870



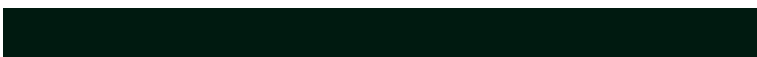
145.6120, -46.1220, -12.1540



85.9670, -4.4010, -2.8410



100.6410, -72.5700, -50.4740



17.0860, -12.2860, -8.6220

Inverse Universe

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



122.0520, 38.9210, 27.0250



145.1570, 61.1550, 42.5870



124.3880, 46.1220, 12.1540



83.1470, 4.0800, 3.1520



52.3590, 72.5700, 50.4740



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 147.9480, -38.9210, -27.0250 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 147.9480, -38.9210, -27.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

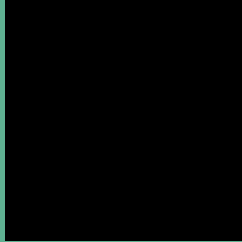
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.9480, -38.9210, -27.0250 Background



This preview shows how black text looks on a background with the YIQ color 147.9480, -38.9210, -27.0250.



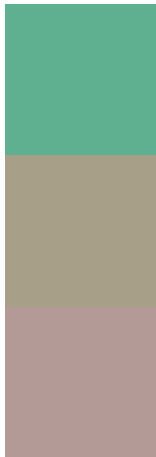
This preview shows how white text looks on a background with the YIQ color 147.9480, -38.9210, -27.0250.

-27.0250.

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

147.9480, -38.9210, -27.0250

Protanopia

159.0690, 12.7470, -5.2450

Deuteranopia

161.0190, 16.1840, 4.0560



Tritanopia

152.7480, -43.5090, -9.9490

Trichromacy



Original Color

147.9480, -38.9210, -27.0250

Protanomaly

154.8600, -5.9580, -13.1740

Deuteranomaly

156.2180, -3.8500, -7.3220

Tritanomaly

151.1300, -41.9490, -16.1970

Monochromacy



Original Color

147.9480, -38.9210, -27.0250

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7760, -14.3490, -9.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9480, -38.9210, -27.0250 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, 176, 145)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 145)  
}
```

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, 176, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 145) }
```

Border

The CSS property to change the border of an element to YIQ 147.9480, -38.9210, -27.0250 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, 176, 145) }
```


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

```
.border{ border-color:rgb(94, 176, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 145);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9480, -38.9210, -27.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 145) }
```

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

```
.background{ background-color: rgb(94, 176,  
145) }
```

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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