

Converting Colors

YIQ(163.9780, -38.4650,
-13.2570)

Have a look what the booklet for
YIQ(163.9780, -38.4650, -13.2570)
contains.

YIQ(163.9780, -38.4650, -13.2570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(163.9780, -38.4650,
-13.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	77B7B8
RGB	119, 183, 184
RGB Percent	47%, 72%, 72%
CMY	0.5335, 0.2822, 0.2786
CMYK	0.35, 0.01, 0.00, 0.28
HSL	181°, 31%, 59%
HSV	181°, 35%, 72%
XYZ	33.1891, 41.2563, 51.5399
YIQ	163.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

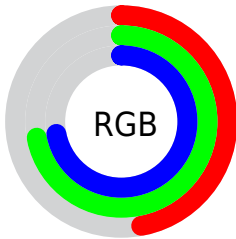
Format	Color
RYB	119, 151, 184
Decimal	7845816
CIELab	70.36, -20.13, -6.98
CIELCh	70, 21.305, 199.125
Yxy	41.2563, 0.2634, 0.3275
Android (android.graphics.Color)	4286035896 (0xFF77B7B8)
YUV	163.9780, 9.8708, -39.4457
Hunter-Lab	64.2311, -20.1709, -2.6134

Details

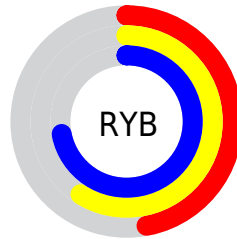
The YIQ color **163.9780, -38.4650, -13.2570** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **139.0220, 38.4650, 13.2570**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6790, -39.0610, -13.4690**, and **110.9780, -38.4650, -13.2570** is the 20% darker color. If you saturate the color by 10%, you get **158.5960, -49.1930, -17.0730**, and if you desaturate by 10%, it is **169.3600, -27.7370, -9.4410**.

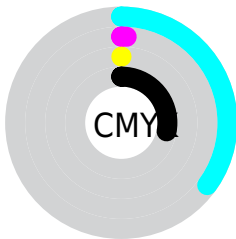
Distribution



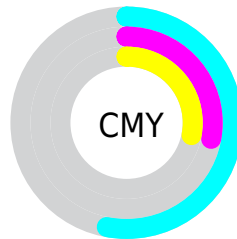
- Red (47%)
- Green (72%)
- Blue (72%)



- Red (47%)
- Yellow (59%)
- Blue (72%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.9780, -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 163.9780, -38.4650, -13.2570 by changing the saturation by 10% instead.

■ 163.9780,
-38.4650, -13.2570

■ 163.9780,
-38.4650, -13.2570

■ 255.0000, -0.0000,
-0.0000

■ 136.9780,
-38.4650, -13.2570

■ 219.6790,
-39.0610, -13.4690

■ 110.9780,
-38.4650, -13.2570

■ 239.1530,
-31.5880, -11.2360

■ 85.0810, -40.2530,
-13.8930

■ 247.8240,
-14.3040, -5.0880

■ 56.6070, -47.7260,
-16.1260

■ 40.1850, -34.6140,
-11.4620

■ 24.7630, -21.5020,
-6.7980

■ 3.6990, -6.2820,

3.7180

0.0000, 0.0000,
0.0000

163.9780,
-38.4650, -13.2570

163.9780,
-38.4650, -13.2570

158.5960,
-49.1930, -17.0730

169.3600,
-27.7370, -9.4410

152.9150,
-60.5170, -21.1010

175.6280,
-16.6880, -5.9360

146.9460,
-70.9700, -24.3940

181.0100, -5.9600,
-2.1200

141.2650,
-82.2940, -28.4220

186.6910, 5.3640,
1.9080

135.8830,
-93.0220, -32.2380

192.0730, 16.0920,
5.7240

■ 129.9140,
-103.4750, -35.5310

■ 198.0420, 26.5450,
9.0170

■ 127.2230,
-108.8390, -37.4390

■ 203.7230, 37.8690,
13.0450

■ 205.8160, 42.0410,
14.5290

Harmonies

Analogous

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



165.2860, -24.8930, -16.9330



163.9780, -38.4650, -13.2570



165.6390, -41.5840, -6.2880

Triad

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



163.9780, -38.4650, -13.2570



175.0630, 4.8570, 16.6090



171.5990, 25.8140, -5.2740

Complementary

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



163.9780, -38.4650, -13.2570



139.0220, 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.



173.4030, 32.5980, 3.9420



163.9780, -38.4650, -13.2570



175.4470, 21.2710, 16.4950

Square

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



163.9780, -38.4650, -13.2570



173.1360, -14.5820, 10.9700



174.9610, 31.2670, 11.5470



170.1410, 12.2440, -12.6520

Rectangle

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



163.9780, -38.4650, -13.2570



167.9650, -36.4500, -0.2100



174.9610, 31.2670, 11.5470



172.4470, 29.2980, -2.3340

Sweetspot

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



163.9780, -38.4650, -13.2570



231.3400, -15.8170, -5.2010



157.1550, -17.8750, -33.9950



115.2160, -9.5360, -3.3920



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



163.9780, -38.4650, -13.2570



208.6270, -59.6460, -20.3660



145.1940, -29.6650, 3.4790



89.3090, -5.3640, -1.9080



107.5950, -92.1510, -31.5030



19.6280, -16.6880, -5.9360

Inverse Universe

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



145.7310, 18.1960, 33.6840



180.4850, 28.4170, 52.2010



157.2190, 29.9400, -2.9560



86.7170, 2.4750, 4.7070



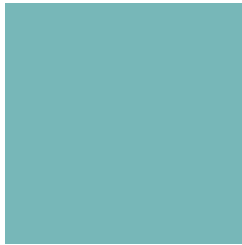
64.0860, 43.8630, 80.6550



11.5640, 7.7000, 14.6440

Previews

White Background



This preview shows how the YIQ color 163.9780, -38.4650, -13.2570 looks on a white background.

Color Contrast Check

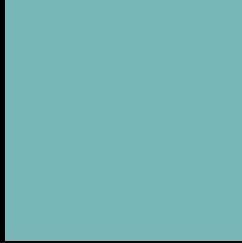
Large Text (above 18pt) WCAG AA × Fail

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 163.9780, -38.4650, -13.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

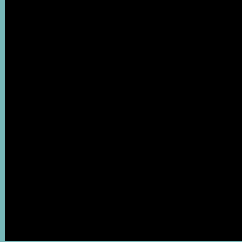
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.9780, -38.4650, -13.2570 Background



This preview shows how black text looks on a background with the YIQ color 163.9780, -38.4650, -13.2570.



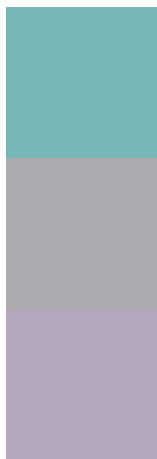
This preview shows how white text looks on a background with the YIQ color 163.9780, -38.4650, -13.2570.

-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

163.9780, -38.4650, -13.2570

Protanopia

171.5810, -0.1380, 2.5020

Deuteranopia

173.4660, 1.9240, 9.1880



Tritanopia

165.0690, -39.9790, -7.8430

Trichromacy



Original Color

163.9780, -38.4650, -13.2570

Protanomaly

168.8780, -14.3960, -3.4200

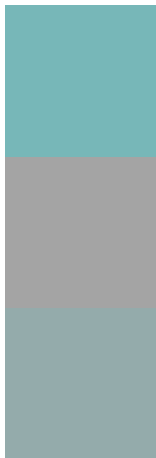
Deuteranomaly

169.9970, -13.1130, 0.8630

Tritanomaly

164.9010, -39.5660, -9.8220

Monochromacy



Original Color

163.9780, -38.4650, -13.2570

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9780, -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(119, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(119, 183, 184)  
}
```

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(119, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 183, 184) }
```

Border

The CSS property to change the border of an element to YIQ 163.9780, -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(119, 183, 184) }
```


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

```
.border{ border-color:rgb(119, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(119, 183,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9780, -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(119, 183, 184) }
```

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

```
.background{ background-color: rgb(119,  
183, 184) }
```

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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