

Converting Colors

YIQ(188.6380, -50.1520,
-38.2480)

Have a look what the booklet for
YIQ(188.6380, -50.1520, -38.2480)
contains.

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Color

**YIQ(188.6380, -50.1520,
-38.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	75E3B3
RGB	117, 227, 179
RGB Percent	46%, 89%, 70%
CMY	0.5415, 0.1096, 0.2982
CMYK	0.49, 0.00, 0.21, 0.11
HSL	154°, 66%, 67%
HSV	154°, 49%, 89%
XYZ	42.9403, 61.9932, 52.3286
YIQ	188.6380, -50.1520, -38.2480

Conversions

Conversions Part 2

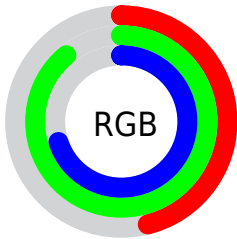
Format	Color
RYB	117, 187, 227
Decimal	7726003
CIELab	82.91, -42.68, 13.87
CIElCh	83, 44.875, 161.990
Yxy	61.9932, 0.2730, 0.3942
Android (android.graphics.Color)	4285916083 (0xFF75E3B3)
YUV	188.6380, -4.7515, -62.8265
Hunter-Lab	78.7357, -40.4385, 15.7102

Details

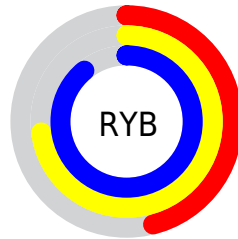
The YIQ color **188.6380, -50.1520, -38.2480** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **155.3620, 50.1520, 38.2480**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8000, -41.2600, -23.1800**, and **131.7840, -53.4990, -38.1630** is the 20% darker color. If you saturate the color by 10%, you get **180.6210, -60.6500, -46.2340**, and if you desaturate by 10%, it is **196.6550, -39.6540, -30.2620**.

Distribution



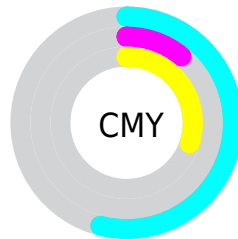
- Red (46%)
- Green (89%)
- Blue (70%)



- Red (46%)
- Yellow (73%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (54%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.6380, -50.1520, -38.2480 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 188.6380, -50.1520, -38.2480 by changing the saturation by 10% instead.


 188.6380,
-50.1520, -38.2480


 188.6380,
-50.1520, -38.2480


255.0000, -0.0000,
-0.0000


 160.4530,
-51.0690, -38.1490


 228.8000,
-41.2600, -23.1800


 131.7840,
-53.4990, -38.1630


 239.7510,
-30.3960, -10.8120

 100.5270,
-63.0810, -40.7210

 248.4220,
-13.1120, -4.6640

 78.0440, -57.1670,
-37.7670

 60.1600, -42.6340,
-31.3220

 43.5640, -28.9720,
-25.6120

 27.6690, -15.9060,

-20.1140

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 188.6380,
-50.1520, -38.2480

■ 188.6380,
-50.1520, -38.2480

■ 180.6210,
-60.6500, -46.2340

■ 196.6550,
-39.6540, -30.2620

■ 172.9030,
-70.5520, -54.0080

■ 204.3730,
-29.7520, -22.4880

■ 164.8860,
-81.0500, -61.9940

■ 212.3900,
-19.2540, -14.5020

■ 156.8690,
-91.5480, -69.9800

■ 220.4070, -8.7560,
-6.5160

■ 148.8520,
-102.0460, -77.9660

■ 228.1250, 1.1460,
1.2580

■ 147.8410,
-103.5130, -78.9130

■ 236.0280, 11.9650,
8.9330

■ 237.7660, 9.9470,
12.4670

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



196.4570, -4.1660, -34.6460



188.6380, -50.1520, -38.2480



174.4960, -105.3540, -40.0260

Triad

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



188.6380, -50.1520, -38.2480



201.1320, -35.1220, 8.7660



199.8200, 53.4130, 6.6690

Complementary

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



188.6380, -50.1520, -38.2480



155.3620, 50.1520, 38.2480

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.



199.5700, 43.0940, 22.9820



188.6380, -50.1520, -38.2480



209.6800, 5.0380, 29.8540

Square

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



188.6380, -50.1520, -38.2480



186.0390, -83.9930, -14.1450



206.8200, 28.1910, 34.2630



205.0740, 57.9090, -8.7390

Rectangle

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



188.6380, -50.1520, -38.2480



162.3360, -142.9500, -41.4940



206.8200, 28.1910, 34.2630



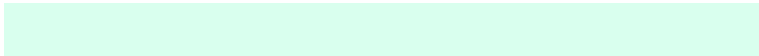
199.4270, 50.3860, 11.9700

Sweetspot

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



188.6380, -50.1520, -38.2480



241.7000, -17.1910, -13.3430



196.2210, -1.0460, -47.1420



119.8690, -10.1770, -8.2970



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



188.6380, -50.1520, -38.2480



203.3380, -67.3430, -51.5910



191.1750, -64.1850, -20.7050



110.8420, -5.5470, -4.0990



116.5870, -81.6460, -62.2060



33.2430, -23.3340, -17.6540

Inverse Universe

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



155.3620, 50.1520, 38.2480



158.6620, 67.3430, 51.5910



152.8250, 64.1850, 20.7050



107.1580, 5.5470, 4.0990



62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 188.6380, -50.1520, -38.2480 looks on a white background.

Color Contrast Check

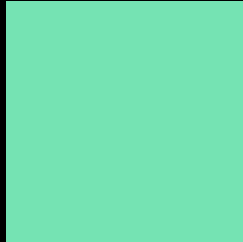
Large Text (above 18pt) WCAG AA × Fail

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 188.6380, -50.1520, -38.2480 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 188.6380, -50.1520, -38.2480 Background



This preview shows how black text looks on a background with the YIQ color 188.6380, -50.1520, -38.2480.



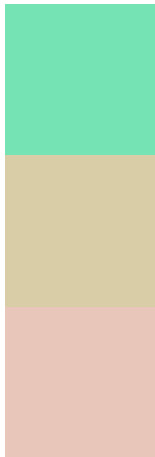
This preview shows how white text looks on a background with the YIQ color 188.6380, -50.1520, -38.2480.

-38.2480.

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

188.6380, -50.1520, -38.2480

Protanopia

204.3700, 19.0290, -8.9630

Deuteranopia

206.6840, 24.4370, 3.1650



Tritanopia

195.3380, -57.0340, -12.6340

Trichromacy



Original Color

188.6380, -50.1520, -38.2480



Protanomaly

198.7580, -5.9110, -19.5350



Deuteranomaly

200.3550, -2.9780, -12.1140



Tritanomaly

192.9110, -54.6940, -22.0060

Monochromacy



Original Color

188.6380, -50.1520, -38.2480



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.9880, -18.0620, -14.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6380, -50.1520, -38.2480 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(117, 227, 179)` looks like.

```
.text, #text, p{  
    color:rgb(117, 227, 179)  
}
```

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(117, 227, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 227, 179) }
```

Border

The CSS property to change the border of an element to YIQ 188.6380, -50.1520, -38.2480 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(117, 227, 179) }
```


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

```
.border{ border-color:rgb(117, 227, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 227, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 227, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 227, 179);  
box-shadow:4px 4px 4px 4px rgb(117, 227,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6380, -50.1520, -38.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 227, 179) }
```

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

```
.background{ background-color: rgb(117,  
227, 179) }
```

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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