

Converting Colors

YIQ(188.4490, -17.7420,
-8.8620)

Have a look what the booklet for
YIQ(188.4490, -17.7420, -8.8620)
contains.

YIQ(188.4490, -17.7420, -8.8620)	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(188.4490, -17.7420,
-8.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C7C1
RGB	166, 199, 193
RGB Percent	65%, 78%, 76%
CMY	0.3491, 0.2195, 0.2432
CMYK	0.17, 0.00, 0.03, 0.22
HSL	169°, 23%, 72%
HSV	169°, 17%, 78%
XYZ	45.7719, 52.8075, 58.2227
YIQ	188.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

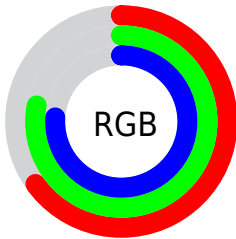
Format	Color
RYB	166, 184, 199
Decimal	10930113
CIELab	77.76, -12.23, -0.68
CIELCh	78, 12.248, 183.164
Yxy	52.8075, 0.2919, 0.3368
Android (android.graphics.Color)	4289120193 (0xFFA6C7C1)
YUV	188.4490, 2.2436, -19.6878
Hunter-Lab	72.6687, -14.7385, 3.3646

Details

The YIQ color $188.4490, -17.7420, -8.8620$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $176.5510, 17.7420, 8.8620$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1500, -18.3380, -9.0740$, and $135.1610, -16.8710, -8.1270$ is the 20% darker color. If you saturate the color by 10%, you get $182.0130, -28.3780, -14.3460$, and if you desaturate by 10%, it is $194.8850, -7.1060, -3.3780$.

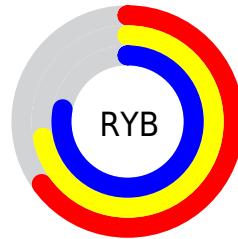
Distribution



Red (65%)

Green (78%)

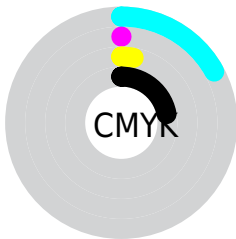
Blue (76%)



Red (65%)

Yellow (72%)

Blue (78%)

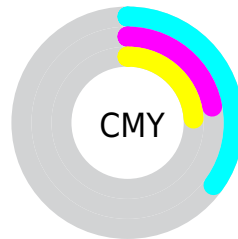


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4490, -17.7420, -8.8620 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 188.4490, -17.7420, -8.8620 by changing the saturation by 10% instead.

■ 188.4490,
-17.7420, -8.8620

■ 188.4490,
-17.7420, -8.8620

■ 255.0000, -0.0000,
-0.0000

■ 161.4490,
-17.7420, -8.8620

■ 244.1500,
-18.3380, -9.0740

■ 135.1610,
-16.8710, -8.1270

■ 253.5050, -2.9800,
-1.0600

■ 109.4600,
-16.2750, -7.9150

■ 85.4600, -16.2750,
-7.9150

■ 61.7590, -15.6790,
-7.7030

■ 38.8730, -16.0000,
-7.3920

■ 19.1720, -15.4040,

-7.1800

■ 0.0000, 0.0000,
0.0000

■ 188.4490,
-17.7420, -8.8620

■ 188.4490,
-17.7420, -8.8620

■ 182.0130,
-28.3780, -14.3460

■ 194.8850, -7.1060,
-3.3780

■ 175.6910,
-39.3350, -19.5190

■ 201.2070, 3.8510,
1.7950

■ 169.2550,
-49.9710, -25.0030

■ 207.6430, 14.4870,
7.2790

■ 162.8190,
-60.6070, -30.4870

■ 214.0790, 25.1230,
12.7630

■ 156.4970,
-71.5640, -35.6600

■ 217.1120, 29.5240,
15.6040

■ 150.3600,
-81.6040, -40.9320

■ 217.5680, 28.2400,
16.8480

■ 144.0380,
-92.5610, -46.1050

■ 217.9100, 27.2770,
17.7810

■ 137.6020,
-103.1970, -51.5890

■ 218.3660, 25.9930,
19.0250

■ 135.3950,
-107.0480, -53.3840

■ 218.8220, 24.7090,
20.2690

Harmonies

Analogous

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



189.2990, -8.5720, -9.8520



188.4490, -17.7420, -8.8620



188.5180, -22.1900, -5.3420

Triad

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



188.4490, -17.7420, -8.8620



193.6010, -2.8900, 8.3260



193.0530, 18.8440, -0.1000

Complementary

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



188.4490, -17.7420, -8.8620



176.5510, 17.7420, 8.8620

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.



193.6990, 20.0810, 5.0170



188.4490, -17.7420, -8.8620



194.5160, 7.6550, 9.9510

Square

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



188.4490, -17.7420, -8.8620



192.2190, -13.6180, 4.5100



194.9530, 16.5500, 8.4380



191.8840, 11.8300, -5.1460

Rectangle

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



188.4490, -17.7420, -8.8620



189.5120, -22.0530, -2.3170



194.9530, 16.5500, 8.4380



193.2920, 19.6690, 1.4690

Sweetspot

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



188.4490, -17.7420, -8.8620



250.8850, -7.1060, -3.3780



187.1650, -5.4990, -15.9870



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



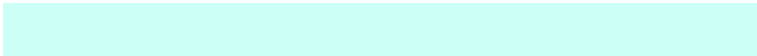
128.0000, -0.0000, -0.0000

Same Dimension

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



188.4490, -17.7420, -8.8620



238.7250, -27.5070, -13.6110



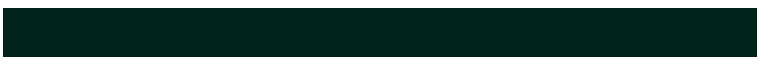
183.2630, -16.9180, -1.7660



96.1950, -5.0430, -2.2190



110.8430, -87.5180, -43.8860



24.4380, -19.2090, -9.8090

Inverse Universe

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



176.5510, 17.7420, 8.8620



220.2750, 27.5070, 13.6110



181.7370, 16.9180, 1.7660



92.8050, 5.0430, 2.2190



52.1570, 87.5180, 43.8860



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 188.4490, -17.7420, -8.8620 looks on a white background.

Color Contrast Check

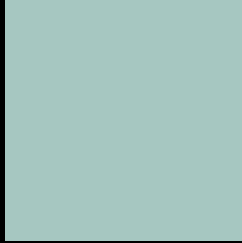
Large Text (above 18pt) WCAG AA × Fail

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 188.4490, -17.7420, -8.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

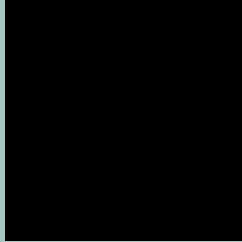
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

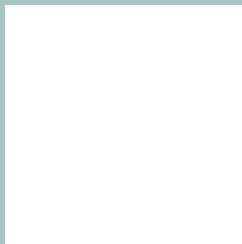
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.4490, -17.7420, -8.8620

Background



This preview shows how black text looks on a background with the YIQ color 188.4490, -17.7420, -8.8620.



This preview shows how white text looks on a background with the YIQ color 188.4490, -17.7420, -8.8620.

-8.8620.

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

188.4490, -17.7420, -8.8620

Protanopia

192.1530, 3.9430, 0.1270

Deuteranopia

193.7180, 9.9020, 7.7740



Tritanopia

189.7510, -21.2280, -0.7480

Trichromacy



Original Color

188.4490, -17.7420, -8.8620

Protanomaly

190.8530, -4.0800, -3.1520

Deuteranomaly

192.0540, -0.0920, 1.6680

Tritanomaly

189.2410, -19.8520, -3.6600

Monochromacy



Original Color

188.4490, -17.7420, -8.8620

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1840, -6.5100, -3.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4490, -17.7420, -8.8620 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(166, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 193)  
}
```

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(166, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 193) }
```

Border

The CSS property to change the border of an element to YIQ 188.4490, -17.7420, -8.8620 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(166, 199, 193) }
```


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

```
.border{ border-color:rgb(166, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 199,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4490, -17.7420, -8.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 193) }
```

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

```
.background{ background-color: rgb(166,  
199, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor