

Converting Colors

YIQ(189.6450, -15.3580,
-8.0140)

Have a look what the booklet for
YIQ(189.6450, -15.3580, -8.0140)
contains.

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Color

**YIQ(189.6450, -15.3580,
-8.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC7C1
RGB	170, 199, 193
RGB Percent	67%, 78%, 76%
CMY	0.3334, 0.2195, 0.2432
CMYK	0.15, 0.00, 0.03, 0.22
HSL	168°, 21%, 72%
HSV	168°, 15%, 78%
XYZ	46.6238, 53.2460, 58.2639
YIQ	189.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

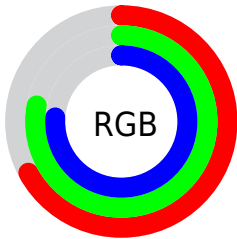
Format	Color
RYB	170, 186, 199
Decimal	11192257
CIELab	78.02, -10.93, -0.27
CIELCh	78, 10.932, 181.404
Yxy	53.2460, 0.2948, 0.3367
Android (android.graphics.Color)	4289382337 (0xFFAAC7C1)
YUV	189.6450, 1.6540, -17.2287
Hunter-Lab	72.9699, -13.6454, 3.7380

Details

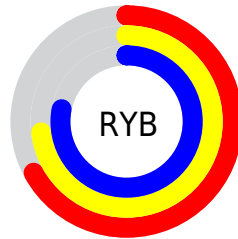
The YIQ color $189.6450, -15.3580, -8.0140$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $179.3550, 15.3580, 8.0140$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.6450, -15.3580, -8.0140$, and $136.3570, -14.4870, -7.2790$ is the 20% darker color. If you saturate the color by 10%, you get $183.2090, -25.9940, -13.4980$, and if you desaturate by 10%, it is $196.0810, -4.7220, -2.5300$.

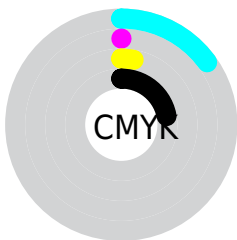
Distribution



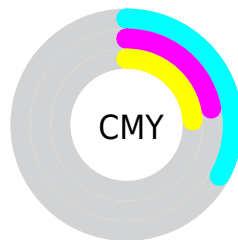
- Red (67%)
- Green (78%)
- Blue (76%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6450, -15.3580, -8.0140 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 189.6450, -15.3580, -8.0140 by changing the saturation by 10% instead.

■ 189.6450,
-15.3580, -8.0140

■ 189.6450,
-15.3580, -8.0140

255.0000, -0.0000,
-0.0000

■ 162.6450,
-15.3580, -8.0140

■ 245.3460,
-15.9540, -8.2260

■ 136.0580,
-15.0830, -7.4910

254.7010, -0.5960,
-0.2120

■ 110.6560,
-13.8910, -7.0670

■ 86.6560, -13.8910,
-7.0670

■ 62.9550, -13.2950,
-6.8550

■ 40.3680, -13.0200,
-6.3320

■ 19.1720, -15.4040,

-7.1800

■ 0.0000, 0.0000,
0.0000

■ 189.6450,
-15.3580, -8.0140

■ 189.6450,
-15.3580, -8.0140

■ 183.2090,
-25.9940, -13.4980

■ 196.0810, -4.7220,
-2.5300

■ 176.7730,
-36.6300, -18.9820

■ 202.5170, 5.9140,
2.9540

■ 170.3370,
-47.2660, -24.4660

■ 208.9530, 16.5500,
8.4380

■ 163.7870,
-57.5810, -30.2610

■ 215.5030, 26.8650,
14.2330

■ 157.3510,
-68.2170, -35.7450

■ 217.4540, 28.5610,
16.5370

■ 151.2140,
-78.2570, -41.0170

■ 217.9100, 27.2770,
17.7810

■ 144.7780,
-88.8930, -46.5010

■ 218.3660, 25.9930,
19.0250

■ 138.3420,
-99.5290, -51.9850

■ 218.8220, 24.7090,
20.2690

■ 134.8250,
-105.4430, -54.9390

■ 219.2780, 23.4250,
21.5130

Harmonies

Analogous

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



190.3100, -7.1050, -8.9050



189.6450, -15.3580, -8.0140



190.1870, -19.7600, -5.3280

Triad

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



189.6450, -15.3580, -8.0140



194.0740, -2.8440, 7.4920



193.6830, 17.0100, 0.0980

Complementary

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



189.6450, -15.3580, -8.0140



179.3550, 15.3580, 8.0140

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.



194.9160, 17.9720, 4.6920



189.6450, -15.3580, -8.0140



194.8040, 6.7840, 9.2160

Square

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



189.6450, -15.3580, -8.0140



192.8770, -12.6550, 3.5770



195.1700, 14.4410, 8.1130



192.5250, 11.4630, -4.0010

Rectangle

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



189.6450, -15.3580, -8.0140



190.1810, -19.6230, -2.3030



195.1700, 14.4410, 8.1130



193.9220, 17.8350, 1.6670

Sweetspot

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



189.6450, -15.3580, -8.0140



251.7820, -5.3180, -2.7420



188.8170, -4.3990, -13.8950



125.6790, -3.5300, -2.1060



0.0000, 0.0000, 0.0000



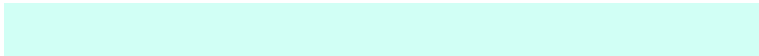
128.0000, -0.0000, -0.0000

Same Dimension

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



189.6450, -15.3580, -8.0140



240.1060, -24.2060, -12.8620



185.6330, -15.0840, -1.9640



96.0810, -4.7220, -2.5300



110.3870, -86.2340, -45.1300



24.3240, -18.8880, -10.1200

Inverse Universe

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



179.3550, 15.3580, 8.0140



223.8940, 24.2060, 12.8620



183.3670, 15.0840, 1.9640



92.9190, 4.7220, 2.5300



52.6130, 86.2340, 45.1300



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 189.6450, -15.3580, -8.0140 looks on a white background.

Color Contrast Check

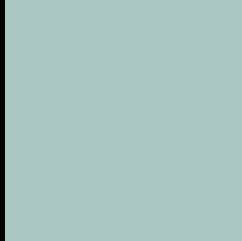
Large Text (above 18pt) WCAG AA × Fail

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 189.6450, -15.3580, -8.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

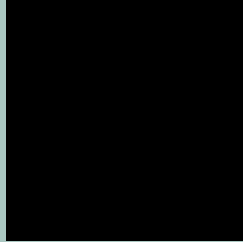
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.6450, -15.3580, -8.0140

Background



This preview shows how black text looks on a background with the YIQ color 189.6450, -15.3580, -8.0140.



This preview shows how white text looks on a background with the YIQ color 189.6450, -15.3580, -8.0140.

-8.0140.

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

189.6450, -15.3580, -8.0140

Protanopia

193.1530, 3.9430, 0.1270

Deuteranopia

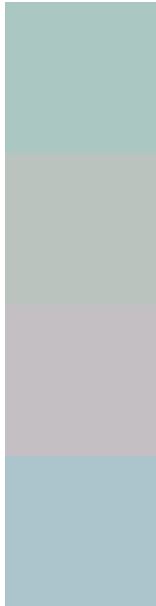
194.9030, 10.8190, 7.6750



Tritanopia

190.9470, -18.8440, 0.1000

Trichromacy



Original Color

189.6450, -15.3580, -8.0140

Protanomaly

192.0380, -3.1630, -3.2510

Deuteranomaly

192.6520, 1.1000, 2.0920

Tritanomaly

190.4370, -17.4680, -2.8120

Monochromacy



Original Color

189.6450, -15.3580, -8.0140

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6450, -15.3580, -8.0140 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(170, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 199, 193) }
```

Border

The CSS property to change the border of an element to YIQ 189.6450, -15.3580, -8.0140 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(170, 199, 193) }
```


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

```
.border{ border-color:rgb(170, 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(170, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 199,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6450, -15.3580, -8.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 199, 193) }
```

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

```
.background{ background-color: rgb(170,  
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](#).

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