

Converting Colors

YIQ(198.6770, -53.9150,
-19.6030)

Have a look what the booklet for
YIQ(198.6770, -53.9150, -19.6030)
contains.

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Color

**YIQ(198.6770, -53.9150,
-19.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	87E2E1
RGB	135, 226, 225
RGB Percent	53%, 89%, 88%
CMY	0.4708, 0.1136, 0.1179
CMYK	0.40, 0.00, 0.00, 0.11
HSL	179°, 61%, 71%
HSV	179°, 40%, 89%
XYZ	50.7727, 64.9931, 81.0642
YIQ	198.6770, -53.9150, -19.6030

Conversions

Conversions Part 2

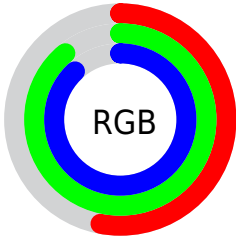
Format	Color
RYB	135, 181, 226
Decimal	8905441
CIELab	84.48, -27.41, -8.03
CIELCh	84, 28.559, 196.321
Yxy	64.9931, 0.2580, 0.3302
Android (android.graphics.Color)	4287095521 (0xFF87E2E1)
YUV	198.6770, 12.9772, -55.8447
Hunter-Lab	80.6183, -28.6642, -3.1851

Details

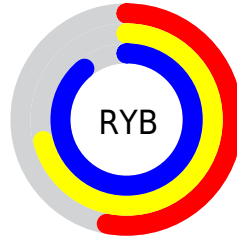
The YIQ color **198.6770, -53.9150, -19.6030** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.3230, 53.9150, 19.6030**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, -37.5480, -13.3560**, and **142.4920, -54.8320, -19.5040** is the 20% darker color. If you saturate the color by 10%, you get **191.8000, -67.6230, -24.4790**, and if you desaturate by 10%, it is **205.5540, -40.2070, -14.7270**.

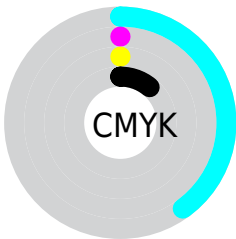
Distribution



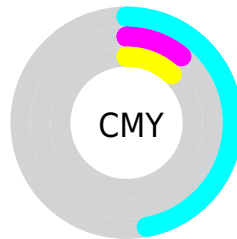
- Red (53%)
- Green (89%)
- Blue (88%)



- Red (53%)
- Yellow (71%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6770, -53.9150, -19.6030 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 198.6770, -53.9150, -19.6030 by changing the saturation by 10% instead.

■ 198.6770,
-53.9150, -19.6030

■ 198.6770,
-53.9150, -19.6030

■ 255.0000, -0.0000,
-0.0000

■ 170.6770,
-53.9150, -19.6030

■ 236.1630,
-37.5480, -13.3560

■ 142.4920,
-54.8320, -19.5040

■ 245.1330,
-19.6680, -6.9960

■ 114.8830,
-57.4910, -20.8750

■ 253.8040, -2.3840,
-0.8480

■ 82.7180, -70.3280,
-25.0160

■ 65.1930, -55.4280,
-19.7160

■ 48.4830, -41.4450,
-14.3170

■ 32.3600, -27.7370,

-9.4410

■ 17.7530, -15.5420,
-4.6780

■ 0.0000, 0.0000,
0.0000

■ 198.6770,
-53.9150, -19.6030

■ 198.6770,
-53.9150, -19.6030

■ 191.8000,
-67.6230, -24.4790

■ 205.5540,
-40.2070, -14.7270

■ 185.1080,
-80.4140, -29.4540

■ 212.1320,
-27.0950, -10.0630

■ 178.2310,
-94.1220, -34.3300

■ 219.1230,
-13.7080, -4.8760

■ 171.6530,
-107.2340, -38.9940

■ 225.7010, -0.5960,
-0.2120

■ 164.7760,
-120.9420, -43.8700

■ 232.5780, 13.1120,
4.6640

■ 158.0840,
-133.7330, -48.8450

■ 234.7850, 16.9630,
6.4590

Harmonies

Analogous

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



200.8780, -32.7320, -23.5480



198.6770, -53.9150, -19.6030



199.9510, -60.1980, -10.3580

Triad

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



198.6770, -53.9150, -19.6030



214.7520, 4.5350, 22.4470



210.8190, 36.8180, -6.4620

Complementary

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



198.6770, -53.9150, -19.6030



162.3230, 53.9150, 19.6030

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.



211.0190, 42.5470, 5.3550



198.6770, -53.9150, -19.6030



215.0720, 27.0010, 22.7850

Square

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



198.6770, -53.9150, -19.6030



210.6670, -20.4510, 12.7090



211.4070, 35.9430, 14.9110



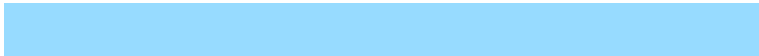
208.0290, 18.2510, -16.8930

Rectangle

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



198.6770, -53.9150, -19.6030



202.7720, -52.0840, -3.2200



211.4070, 35.9430, 14.9110



211.4930, 40.8520, -2.4760

Sweetspot

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



198.6770, -53.9150, -19.6030



245.7310, -18.4760, -6.5720



188.7160, -24.4290, -47.3810



122.5040, -10.4070, -4.1270



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.



198.6770, -53.9150, -19.6030



218.4080, -72.3910, -26.1750



172.9630, -42.1360, 3.7200



108.7110, -6.5560, -2.3320



123.1480, -104.2540, -37.9340



33.6480, -28.6080, -10.1760

Inverse Universe

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



162.3230, 53.9150, 19.6030



169.5920, 72.3910, 26.1750



188.0370, 42.1360, -3.7200



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 198.6770, -53.9150, -19.6030 looks on a white background.

Color Contrast Check

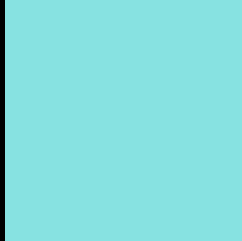
Large Text (above 18pt) WCAG AA × Fail

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 198.6770, -53.9150, -19.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

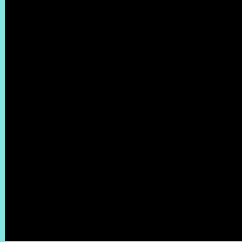
Any Text WCAG AA ✓ Pass

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 198.6770, -53.9150, -19.6030 Background



This preview shows how black text looks on a background with the YIQ color 198.6770, -53.9150, -19.6030.



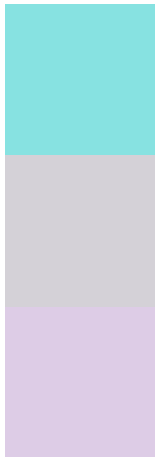
This preview shows how white text looks on a background with the YIQ color 198.6770, -53.9150, -19.6030.

-19.6030.

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

198.6770, -53.9150, -19.6030

Protanopia

210.5810, -0.1380, 2.5020

Deuteranopia

212.0470, 1.7860, 11.6900



Tritanopia

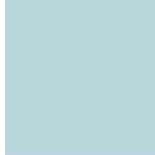
200.2350, -55.2460, -11.9980

Trichromacy



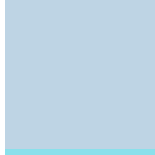
Original Color

198.6770, -53.9150, -19.6030



Protanomaly

206.1870, -19.7600, -5.3280



Deuteranomaly

207.2460, -18.2480, 0.3120



Tritanomaly

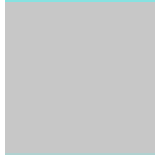
199.5400, -54.7870, -14.8110

Monochromacy



Original Color

198.6770, -53.9150, -19.6030



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.0190, -19.3470, -7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6770, -53.9150, -19.6030 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(135, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(135, 226, 225)  
}
```

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(135, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 226, 225) }
```

Border

The CSS property to change the border of an element to YIQ 198.6770, -53.9150, -19.6030 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(135, 226, 225) }
```


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

```
.border{ border-color:rgb(135, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(135, 226,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6770, -53.9150, -19.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 226, 225) }
```

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

```
.background{ background-color: rgb(135,  
226, 225) }
```

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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