

Converting Colors

YIQ(195.6770, -53.9150,
-19.6030)

Have a look what the booklet for
YIQ(195.6770, -53.9150, -19.6030)
contains.

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Color

**YIQ(195.6770, -53.9150,
-19.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	84DFDE
RGB	132, 223, 222
RGB Percent	52%, 87%, 87%
CMY	0.4826, 0.1253, 0.1296
CMYK	0.41, 0.00, 0.00, 0.13
HSL	179°, 59%, 70%
HSV	179°, 41%, 87%
XYZ	49.0825, 62.9679, 78.6361
YIQ	195.6770, -53.9150, -19.6030

Conversions

Conversions Part 2

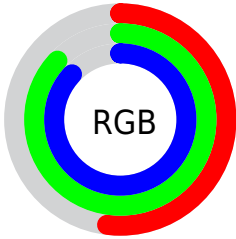
Format	Color
RYB	132, 178, 223
Decimal	8708062
CIELab	83.43, -27.41, -8.02
CIELCh	83, 28.563, 196.299
Yxy	62.9679, 0.2574, 0.3302
Android (android.graphics.Color)	4286898142 (0xFF84DFDE)
YUV	195.6770, 12.9772, -55.8447
Hunter-Lab	79.3523, -28.4573, -3.2083

Details

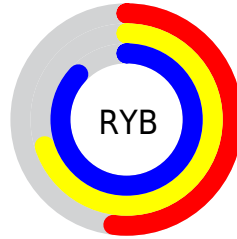
The YIQ color **195.6770, -53.9150, -19.6030** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **159.3230, 53.9150, 19.6030**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2660, -39.3360, -13.9920**, and **140.0790, -55.1070, -20.0270** is the 20% darker color. If you saturate the color by 10%, you get **189.0990, -67.0270, -24.2670**, and if you desaturate by 10%, it is **202.2550, -40.8030, -14.9390**.

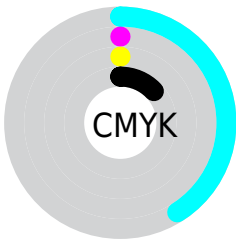
Distribution



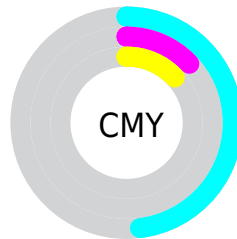
- Red (52%)
- Green (87%)
- Blue (87%)



- Red (52%)
- Yellow (70%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6770, -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 195.6770, -53.9150, -19.6030 by changing the saturation by 10% instead.

■ 195.6770,
-53.9150, -19.6030

■ 195.6770,
-53.9150, -19.6030

■ 255.0000, -0.0000,
-0.0000

■ 167.6770,
-53.9150, -19.6030

■ 235.2660,
-39.3360, -13.9920

■ 140.0790,
-55.1070, -20.0270

■ 243.9370,
-22.0520, -7.8440

■ 111.6980,
-58.4080, -20.7760

■ 252.9070, -4.1720,
-1.4840

■ 80.6150, -68.5400,
-24.3800

■ 63.2040, -53.9610,
-18.7690

■ 46.3800, -39.6570,
-13.6810

■ 30.3710, -26.2700,

-8.4940

■ 15.1770, -13.8000,
-3.2080

■ 0.0000, 0.0000,
0.0000

■ 195.6770,
-53.9150, -19.6030

■ 195.6770,
-53.9150, -19.6030

■ 189.0990,
-67.0270, -24.2670

■ 202.2550,
-40.8030, -14.9390

■ 182.1080,
-80.4140, -29.4540

■ 209.1320,
-27.0950, -10.0630

■ 175.5300,
-93.5260, -34.1180

■ 215.8240,
-14.3040, -5.0880

■ 168.9520,
-106.6380, -38.7820

■ 222.4020, -1.1920,
-0.4240

■ 162.0750,
-120.3460, -43.6580

■ 228.9800, 11.9200,
4.2400

■ 155.9810,
-131.9450, -48.2090

■ 232.6820, 18.7510,
7.0950

Harmonies

Analogous

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



197.8780, -32.7320, -23.5480



195.6770, -53.9150, -19.6030



196.9510, -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.



195.6770, -53.9150, -19.6030



211.7520, 4.5350, 22.4470



207.8190, 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.



195.6770, -53.9150, -19.6030



159.3230, 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.



209.5030, 44.0600, 5.4680



195.6770, -53.9150, -19.6030



212.6700, 28.1930, 23.2090

Square

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



195.6770, -53.9150, -19.6030



208.0090, -21.4140, 13.6420



209.3040, 37.7310, 15.5470



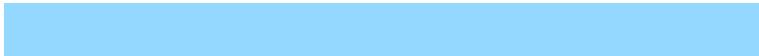
205.3280, 18.8470, -16.6810

Rectangle

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



195.6770, -53.9150, -19.6030



200.1140, -53.0470, -2.2870



209.3040, 37.7310, 15.5470



208.4930, 40.8520, -2.4760

Sweetspot

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



195.6770, -53.9150, -19.6030



245.7310, -18.4760, -6.5720



185.7160, -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.



195.6770, -53.9150, -19.6030



217.3970, -73.8580, -27.1220



169.9630, -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.



159.3230, 53.9150, 19.6030



167.6030, 73.8580, 27.1220



185.0370, 42.1360, -3.7200



104.2890, 6.5560, 2.3320



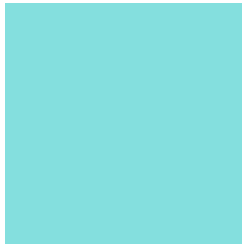
52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 195.6770, -53.9150, -19.6030 looks on a white background.

Color Contrast Check

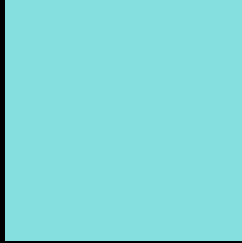
Large Text (above 18pt) WCAG AA × Fail

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 195.6770, -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

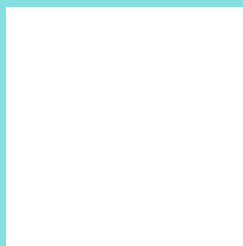
Any Text WCAG AAA ✓ Pass

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

YIQ 195.6770, -53.9150, -19.6030 Background



This preview shows how black text looks on a background with the YIQ color 195.6770, -53.9150, -19.6030.



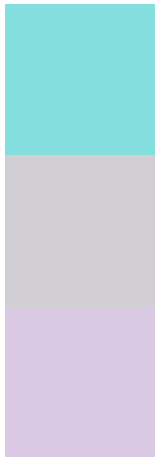
This preview shows how white text looks on a background with the YIQ color 195.6770, -53.9150, -19.6030.

-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

195.6770, -53.9150, -19.6030

Protanopia

207.5810, -0.1380, 2.5020

Deuteranopia

209.0470, 1.7860, 11.6900



Tritanopia

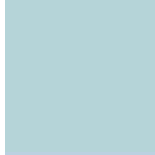
197.8220, -55.5210, -12.5210

Trichromacy



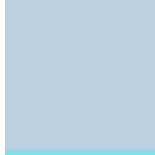
Original Color

195.6770, -53.9150, -19.6030



Protanomaly

203.1870, -19.7600, -5.3280



Deuteranomaly

204.2460, -18.2480, 0.3120



Tritanomaly

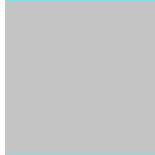
197.1270, -55.0620, -15.3340

Monochromacy



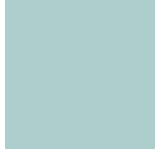
Original Color

195.6770, -53.9150, -19.6030



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0190, -19.3470, -7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6770, -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(132, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(132, 223, 222)  
}
```

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(132, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 223, 222) }
```

Border

The CSS property to change the border of an element to YIQ 195.6770, -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(132, 223, 222) }
```


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

```
.border{ border-color:rgb(132, 223, 222) }
```

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

Here you see how a box with a 4 pixel rgb(132, 223, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(132, 223,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6770, -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(132, 223, 222) }
```

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

```
.background{ background-color: rgb(132,  
223, 222) }
```

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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