

Converting Colors

YIQ(197.5270, -72.2490,
-50.7850)

Have a look what the booklet for
YIQ(197.5270, -72.2490, -50.7850)
contains.

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Color

**YIQ(197.5270, -72.2490,
-50.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	61FABF
RGB	97, 250, 191
RGB Percent	38%, 98%, 75%
CMY	0.6200, 0.0193, 0.2512
CMYK	0.61, 0.00, 0.24, 0.02
HSL	157°, 94%, 68%
HSV	157°, 61%, 98%
XYZ	48.5216, 74.7058, 61.1171
YIQ	197.5270, -72.2490, -50.7850

Conversions

Conversions Part 2

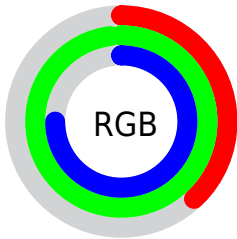
Format	Color
RYB	97, 192, 250
Decimal	6421183
CIELab	89.25, -54.08, 16.49
CIELCh	89, 56.536, 163.037
Yxy	74.7058, 0.2632, 0.4053
Android (android.graphics.Color)	4284611263 (0xFF61FABF)
YUV	197.5270, -3.2178, -88.1622
Hunter-Lab	86.4325, -51.0502, 18.5783

Details

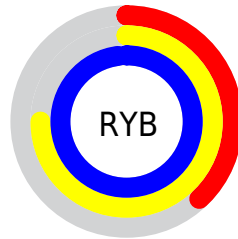
The YIQ color **197.5270, -72.2490, -50.7850** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **149.4730, 72.2490, 50.7850**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6830, -54.0520, -22.6280**, and **128.3220, -96.7770, -57.8090** is the 20% darker color. If you saturate the color by 10%, you get **188.9120, -83.9390, -59.1950**, and if you desaturate by 10%, it is **206.1420, -60.5590, -42.3750**.

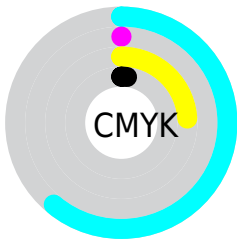
Distribution



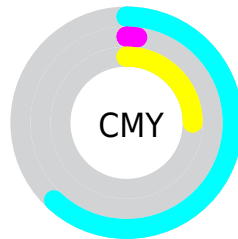
- Red (38%)
- Green (98%)
- Blue (75%)



- Red (38%)
- Yellow (75%)
- Blue (98%)



- Cyan (61%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (62%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.5270, -72.2490, -50.7850 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 197.5270, -72.2490, -50.7850 by changing the saturation by 10% instead.

■ 197.5270,
-72.2490, -50.7850

■ 197.5270,
-72.2490, -50.7850

■ 255.0000, -0.0000,
-0.0000

■ 166.6620,
-77.0630, -51.6470

■ 225.6830,
-54.0520, -22.6280

■ 128.9090,
-97.0520, -58.3320

■ 235.8640,
-38.1440, -13.5680

■ 109.6230,
-81.3270, -51.4630

■ 244.8340,
-20.2640, -7.2080

■ 90.9240, -65.8770,
-45.1170

■ 254.1030, -1.7880,
-0.6360

■ 72.4530, -51.0690,
-38.1490

■ 55.1560, -36.8110,
-32.2270

■ 38.0870, -23.1950,

-25.6830

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 197.5270,
-72.2490, -50.7850

■ 197.5270,
-72.2490, -50.7850

■ 188.9120,
-83.9390, -59.1950

■ 206.1420,
-60.5590, -42.3750

■ 180.4110,
-95.9500, -67.2940

■ 214.6430,
-48.5480, -34.2760

■ 171.7960,
-107.6400, -75.7040

■ 223.2580,
-36.8580, -25.8660

■ 164.3060,
-118.1840, -82.8560

■ 231.8730,
-25.1680, -17.4560

■ 240.3740,
-13.1570, -9.3570

■ 248.9890, -1.4670,
-0.9470

■ 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



210.6810, -8.1530, -44.9930



197.5270, -72.2490, -50.7850



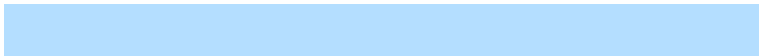
176.0820, -148.5870, -54.9790

Triad

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



197.5270, -72.2490, -50.7850



213.2040, -35.6250, 1.3590



206.3910, 50.0670, 1.2270

Complementary

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



197.5270, -72.2490, -50.7850



149.4730, 72.2490, 50.7850

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.



205.0470, 37.3170, 23.0530



197.5270, -72.2490, -50.7850



223.3020, 14.8500, 28.2420

Square

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



197.5270, -72.2490, -50.7850



182.2200, -121.9520, -36.5760



213.3230, 19.5250, 37.1330



213.1950, 55.7100, -18.4500

Rectangle

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



197.5270, -72.2490, -50.7850



176.4070, -150.8800, -51.9680



213.3230, 19.5250, 37.1330



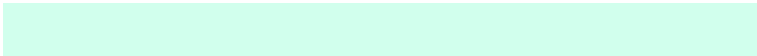
204.5790, 46.9020, 9.0300

Sweetspot

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



197.5270, -72.2490, -50.7850



239.1940, -21.6380, -15.3500



205.0500, -5.7190, -67.0870



118.0750, -13.7530, -9.5690



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.



197.5270, -72.2490, -50.7850



191.1780, -87.7440, -61.8240



195.4480, -87.0630, -24.5910



120.5430, -6.1430, -4.3110



124.1670, -89.2110, -62.7710



40.1390, -28.9730, -20.0850

Inverse Universe

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



149.4730, 72.2490, 50.7850



132.8220, 87.7440, 61.8240



151.5520, 87.0630, 24.5910



116.4570, 6.1430, 4.3110



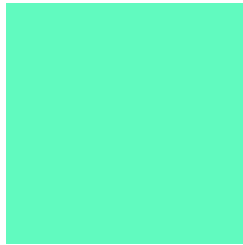
64.8330, 89.2110, 62.7710



20.9750, 28.6520, 20.3960

Previews

White Background



This preview shows how the YIQ color 197.5270, -72.2490, -50.7850 looks on a white background.

Color Contrast Check

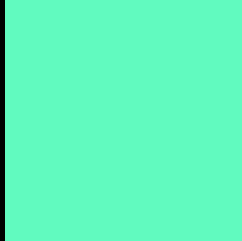
Large Text (above 18pt) WCAG AA × Fail

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 197.5270, -72.2490, -50.7850 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

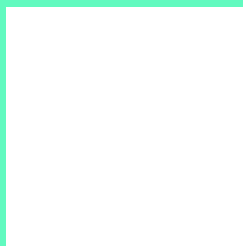
Any Text WCAG AAA ✓ Pass

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

YIQ 197.5270, -72.2490, -50.7850 Background



This preview shows how black text looks on a background with the YIQ color 197.5270, -72.2490, -50.7850.



This preview shows how white text looks on a background with the YIQ color 197.5270, -72.2490, -50.7850.

-50.7850.

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

197.5270, -72.2490, -50.7850

Protanopia

221.0560, 22.7890, -11.0270

Deuteranopia

223.9510, 28.0590, 3.6030



Tritanopia

211.2340, -62.6730, -15.0650

Trichromacy



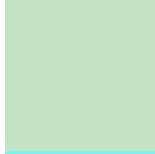
Original Color

197.5270, -72.2490, -50.7850



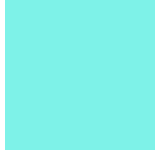
Protanomaly

212.2470, -11.9620, -25.5140



Deuteranomaly

214.1970, -8.5250, -16.2130



Tritanomaly

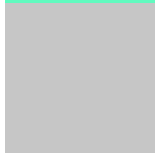
206.1760, -65.9260, -27.7020

Monochromacy



Original Color

197.5270, -72.2490, -50.7850



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.7480, -26.3140, -18.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5270, -72.2490, -50.7850 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(97, 250, 191)` looks like.

```
.text, #text, p{  
    color:rgb(97, 250, 191)  
}
```

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(97, 250, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 250, 191) }
```

Border

The CSS property to change the border of an element to YIQ 197.5270, -72.2490, -50.7850 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(97, 250, 191) }
```


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

```
.border{ border-color:rgb(97, 250, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 250, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 250, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 250, 191);  
box-shadow:4px 4px 4px 4px rgb(97, 250,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5270, -72.2490, -50.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 250, 191) }
```

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

```
.background{ background-color: rgb(97, 250,  
191) }
```

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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