

Converting Colors

YIQ(195.2960, -75.5520,
-40.4800)

Have a look what the booklet for
YIQ(195.2960, -75.5520, -40.4800)
contains.

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Color

**YIQ(195.2960, -75.5520,
-40.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	62F2D2
RGB	98, 242, 210
RGB Percent	38%, 95%, 82%
CMY	0.6160, 0.0507, 0.1767
CMYK	0.60, 0.00, 0.13, 0.05
HSL	167°, 85%, 67%
HSV	167°, 60%, 95%
XYZ	48.4213, 70.7814, 72.0371
YIQ	195.2960, -75.5520, -40.4800

Conversions

Conversions Part 2

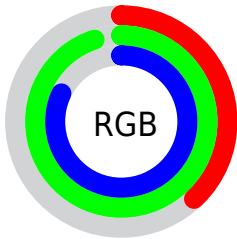
Format	Color
RYB	98, 179, 242
Decimal	6484690
CIELab	87.38, -46.26, 3.97
CIELCh	87, 46.434, 175.099
Yxy	70.7814, 0.2532, 0.3701
Android (android.graphics.Color)	4284674770 (0xFF62F2D2)
YUV	195.2960, 7.2491, -85.3286
Hunter-Lab	84.1317, -44.4963, 8.1256

Details

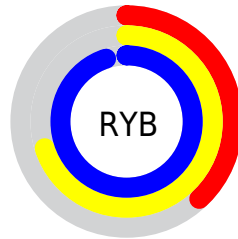
The YIQ color **195.2960, -75.5520, -40.4800** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **144.7040, 75.5520, 40.4800**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, -56.6200, -20.1400**, and **126.6780, -100.3550, -48.0270** is the 20% darker color. If you saturate the color by 10%, you get **187.5500, -88.2510, -47.1230**, and if you desaturate by 10%, it is **203.0420, -62.8530, -33.8370**.

Distribution



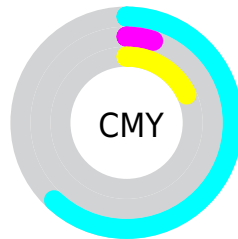
- Red (38%)
- Green (95%)
- Blue (82%)



- Red (38%)
- Yellow (70%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (62%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.2960, -75.5520, -40.4800 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 195.2960, -75.5520, -40.4800 by changing the saturation by 10% instead.

■ 195.2960,
-75.5520, -40.4800

■ 195.2960,
-75.5520, -40.4800

■ 255.0000, -0.0000,
-0.0000

■ 164.6160,
-79.4490, -41.4410

■ 226.5950,
-56.6200, -20.1400

■ 126.6780,
-100.3550, -48.0270

■ 235.8640,
-38.1440, -13.5680

■ 107.5660,
-85.1800, -42.2040

■ 244.8340,
-20.2640, -7.2080

■ 88.7530, -69.4090,
-36.1690

■ 254.1030, -1.7880,
-0.6360

■ 70.7550, -54.5550,
-30.0350

■ 53.5720, -40.6180,
-23.8020

■ 36.3890, -26.6810,

-17.5690

■ 21.0810, -13.8900,
-12.5940

■ 0.0000, 0.0000,
0.0000

■ 195.2960,
-75.5520, -40.4800

■ 195.2960,
-75.5520, -40.4800

■ 187.5500,
-88.2510, -47.1230

■ 203.0420,
-62.8530, -33.8370

■ 179.3910,
-101.2250, -54.2890


■ 210.9020,
-50.4750, -26.8830


■ 171.6450,
-113.9240, -60.9320


■ 218.9470,
-37.1800, -20.0280


■ 163.7850,
-126.3020, -67.8860


■ 226.8070,
-24.8020, -13.0740


 163.4860,
-126.8980, -68.0980

 234.5530,
-12.1030, -6.4310

 242.2990, 0.5960,
0.2120

 246.5710, 5.8220,
4.6220

 247.1410, 4.2170,
6.1770

 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



205.3990, -24.6140, -38.5180



195.2960, -75.5520, -40.4800



175.9080, -138.8690, -43.8690

Triad

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



195.2960, -75.5520, -40.4800



216.0270, -12.6570, 14.6310



209.3430, 50.0220, -3.4660

Complementary

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



195.2960, -75.5520, -40.4800



144.7040, 75.5520, 40.4800

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.



206.9900, 41.4910, 13.4830



195.2960, -75.5520, -40.4800



219.1930, 16.7750, 31.9030

Square

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



195.2960, -75.5520, -40.4800



203.8910, -59.9690, -9.0010



210.8320, 27.9170, 28.2130



216.3840, 50.8040, -17.6440

Rectangle

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



195.2960, -75.5520, -40.4800



175.3430, -135.6600, -41.4520



210.8320, 27.9170, 28.2130



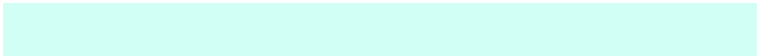
208.1350, 47.9120, 1.7360

Sweetspot

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



195.2960, -75.5520, -40.4800



240.1060, -24.2060, -12.8620



192.6940, -19.3360, -68.1040



118.5310, -15.0370, -8.3250



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.



195.2960, -75.5520, -40.4800



196.3210, -95.0360, -50.8120



176.6380, -75.3740, -10.6540



116.0700, -6.1890, -3.4770



124.3100, -96.5030, -51.7590



37.8880, -29.5240, -15.6040

Inverse Universe

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



144.7040, 75.5520, 40.4800



132.6790, 95.0360, 50.8120



163.3620, 75.3740, 10.6540



111.9300, 6.1890, 3.4770



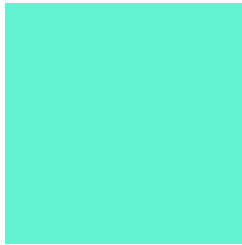
59.6900, 96.5030, 51.7590



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 195.2960, -75.5520, -40.4800 looks on a white background.

Color Contrast Check

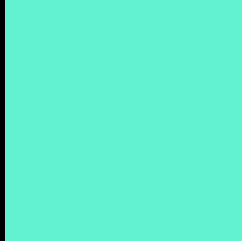
Large Text (above 18pt) WCAG AA × Fail

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 195.2960, -75.5520, -40.4800 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

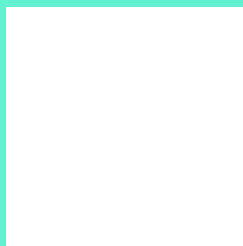
Any Text WCAG AAA ✓ Pass

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

YIQ 195.2960, -75.5520, -40.4800 Background



This preview shows how black text looks on a background with the YIQ color 195.2960, -75.5520, -40.4800.



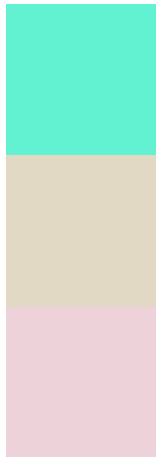
This preview shows how white text looks on a background with the YIQ color 195.2960, -75.5520, -40.4800.

-40.4800.

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

195.2960, -75.5520, -40.4800

Protanopia

217.2970, 12.1050, -4.6230

Deuteranopia

219.1700, 14.4410, 8.1130



Tritanopia

201.9870, -78.2150, -19.7430

Trichromacy



Original Color

195.2960, -75.5520, -40.4800



Protanomaly

209.0970, -19.9870, -17.7390



Deuteranomaly

210.6230, -18.2920, -9.9080



Tritanomaly

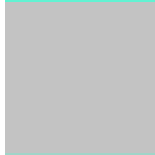
199.5430, -77.2050, -27.0370

Monochromacy



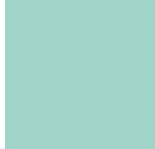
Original Color

195.2960, -75.5520, -40.4800



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.0840, -27.1400, -14.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2960, -75.5520, -40.4800 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(98, 242, 210)` looks like.

```
.text, #text, p{  
    color:rgb(98, 242, 210)  
}
```

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(98, 242, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 242, 210) }
```

Border

The CSS property to change the border of an element to YIQ 195.2960, -75.5520, -40.4800 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(98, 242, 210) }
```


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

```
.border{ border-color:rgb(98, 242, 210) }
```

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

Here you see how a box with a 4 pixel rgb(98, 242, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 242, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 242, 210);  
box-shadow:4px 4px 4px 4px rgb(98, 242,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2960, -75.5520, -40.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 242, 210) }
```

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

```
.background{ background-color: rgb(98, 242,  
210) }
```

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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