

Converting Colors

YIQ(195.9730, -66.4320,
-18.5280)

Have a look what the booklet for
YIQ(195.9730, -66.4320, -18.5280)
contains.

YIQ(195.9730, -66.4320, -18.5280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.9730, -66.4320,
-18.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	79E2EE
RGB	121, 226, 238
RGB Percent	47%, 89%, 93%
CMY	0.5257, 0.1135, 0.0669
CMYK	0.49, 0.05, 0.00, 0.07
HSL	186°, 77%, 70%
HSV	186°, 49%, 93%
XYZ	50.5073, 64.6462, 90.6513
YIQ	195.9730, -66.4320, -18.5280

Conversions

Conversions Part 2

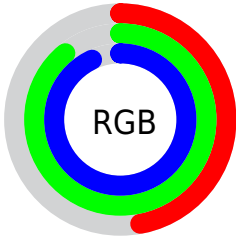
Format	Color
RYB	121, 176, 238
Decimal	7987950
CIELab	84.30, -27.34, -15.22
CIELCh	84, 31.293, 209.094
Yxy	64.6462, 0.2454, 0.3141
Android (android.graphics.Color)	4286178030 (0xFF79E2EE)
YUV	195.9730, 20.7193, -65.7513
Hunter-Lab	80.4028, -28.5753, -10.5653

Details

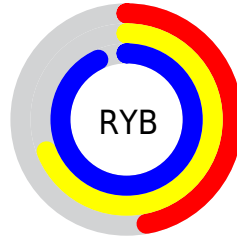
The YIQ color **195.9730, -66.4320, -18.5280** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **163.0270, 66.4320, 18.5280**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.5750, -44.7000, -15.9000**, and **137.8800, -70.6040, -20.0120** is the 20% darker color. If you saturate the color by 10%, you get **187.6230, -80.1860, -22.5700**, and if you desaturate by 10%, it is **204.3230, -52.6780, -14.4860**.

Distribution



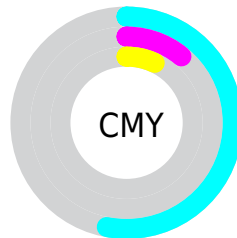
- Red (47%)
- Green (89%)
- Blue (93%)



- Red (47%)
- Yellow (69%)
- Blue (93%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9730, -66.4320, -18.5280 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 195.9730, -66.4320, -18.5280 by changing the saturation by 10% instead.

■ 195.9730,
-66.4320, -18.5280

■ 195.9730,
-66.4320, -18.5280

■ 255.0000, -0.0000,
-0.0000

■ 167.3750,
-67.6240, -18.9520

■ 232.5750,
-44.7000, -15.9000

■ 137.8800,
-70.6040, -20.0120

■ 241.5450,
-26.8200, -9.5400

■ 103.9920,
-85.7790, -25.8350

■ 250.5150, -8.9400,
-3.1800

■ 83.9720, -73.8590,
-21.5950

■ 66.4470, -58.9590,
-16.2950

■ 49.6230, -44.6550,
-11.2070

■ 33.5000, -30.9470,

-6.3310

■ 18.7790, -18.4310,
-1.8790

■ 2.0690, -4.4480,
3.5200

■ 195.9730,
-66.4320, -18.5280

■ 195.9730,
-66.4320, -18.5280

■ 187.6230,
-80.1860, -22.5700

■ 204.3230,
-52.6780, -14.4860

■ 178.6860,
-93.6650, -26.0890

■ 213.2600,
-39.1990, -10.9670

■ 170.6350,
-106.8230, -29.9190

■ 221.3110,
-26.0410, -7.1370

■ 161.6980,
-120.3020, -33.4380

■ 230.2480,
-12.5620, -3.6180

■ 153.3480,
-134.0560, -37.4800

■ 238.5980, 1.1920,
0.4240

■ 152.7500,
-135.2480, -37.9040

■ 244.8440, 9.3070,
2.0350

■ 246.0180, 8.7570,
0.9890

■ 247.1920, 8.2070,
-0.0570

■ 248.9530, 7.3820,
-1.6260

Harmonies

Analogous

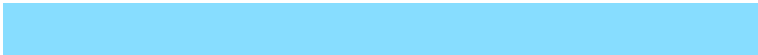
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.6250, -48.1370, -25.2010



195.9730, -66.4320, -18.5280



199.1620, -62.1700, -7.6580

Triad

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



195.9730, -66.4320, -18.5280



215.2050, 16.5010, 25.8530



208.9770, 33.1970, -12.4270

Complementary

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



195.9730, -66.4320, -18.5280



163.0270, 66.4320, 18.5280

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.



210.8250, 45.8490, 0.5770



195.9730, -66.4320, -18.5280



211.3560, 31.9530, 21.1450

Square

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



195.9730, -66.4320, -18.5280



212.2170, -10.1360, 18.5040



209.2240, 40.7120, 11.0800



205.4900, 9.4030, -21.7410

Rectangle

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



195.9730, -66.4320, -18.5280



203.1040, -47.0870, -0.1670



209.2240, 40.7120, 11.0800



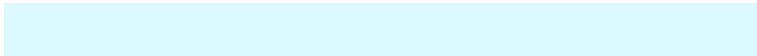
210.1350, 38.7440, -8.3280

Sweetspot

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



195.9730, -66.4320, -18.5280



241.2900, -21.5480, -5.9640



191.0470, -36.0270, -57.4590



119.3620, -12.8830, -3.3070



0.0000, 0.0000, 0.0000



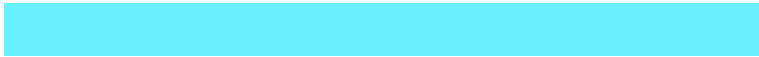
128.0000, -0.0000, -0.0000

Same Dimension

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



195.9730, -66.4320, -18.5280



201.3450, -85.2750, -23.9550



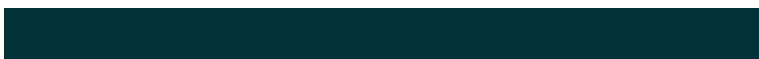
161.9270, -50.4820, 11.8060



115.8250, -6.8770, -2.0210



117.8310, -104.4390, -29.0710



35.7340, -31.7260, -8.7340

Inverse Universe

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



167.9530, 36.0270, 57.4590



165.2400, 46.0650, 73.7850



197.0730, 50.4820, -11.8060



112.8420, 3.6210, 5.9650



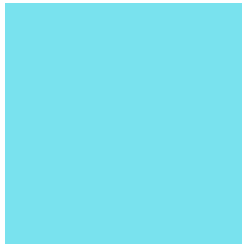
73.8260, 56.6990, 90.3230



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 195.9730, -66.4320, -18.5280 looks on a white background.

Color Contrast Check

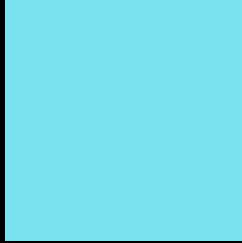
Large Text (above 18pt) WCAG AA × Fail

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 195.9730, -66.4320, -18.5280 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 195.9730, -66.4320, -18.5280 Background



This preview shows how black text looks on a background with the YIQ color 195.9730, -66.4320, -18.5280.



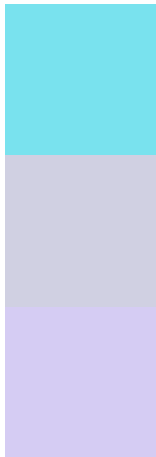
This preview shows how white text looks on a background with the YIQ color 195.9730, -66.4320, -18.5280.

-18.5280.

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

195.9730, -66.4320, -18.5280

Protanopia

210.0520, -5.7780, 5.5980

Deuteranopia

211.1370, -7.1550, 14.0370



Tritanopia

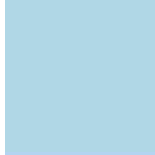
196.5540, -66.5700, -16.0260

Trichromacy



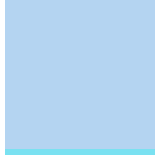
Original Color

195.9730, -66.4320, -18.5280



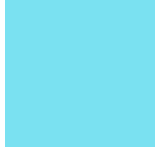
Protanomaly

205.0490, -28.0590, -3.6030



Deuteranomaly

205.7380, -28.3810, 2.2350



Tritanomaly

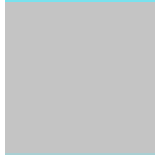
196.0270, -66.5240, -16.8600

Monochromacy



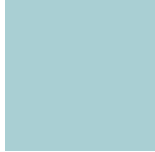
Original Color

195.9730, -66.4320, -18.5280



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0940, -23.9320, -6.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9730, -66.4320, -18.5280 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(121, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(121, 226, 238)  
}
```

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(121, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 226, 238) }
```

Border

The CSS property to change the border of an element to YIQ 195.9730, -66.4320, -18.5280 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(121, 226, 238) }
```


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

```
.border{ border-color:rgb(121, 226, 238) }
```

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

Here you see how a box with a 4 pixel rgb(121, 226, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(121, 226,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9730, -66.4320, -18.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 226, 238) }
```

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

```
.background{ background-color: rgb(121,  
226, 238) }
```

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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