

Converting Colors

YIQ(195.4930, -73.7680,
-17.7360)

Have a look what the booklet for
YIQ(195.4930, -73.7680, -17.7360)
contains.

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Color

**YIQ(195.4930, -73.7680,
-17.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	72E3F7
RGB	114, 227, 247
RGB Percent	45%, 89%, 97%
CMY	0.5532, 0.1096, 0.0317
CMYK	0.54, 0.08, 0.00, 0.03
HSL	189°, 89%, 71%
HSV	189°, 54%, 97%
XYZ	51.1894, 65.2478, 97.8282
YIQ	195.4930, -73.7680, -17.7360

Conversions

Conversions Part 2

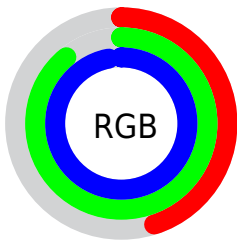
Format	Color
RYB	114, 175, 247
Decimal	7529463
CIELab	84.61, -26.87, -19.52
CIELCh	85, 33.209, 216.002
Yxy	65.2478, 0.2389, 0.3045
Android (android.graphics.Color)	4285719543 (0xFF72E3F7)
YUV	195.4930, 25.3930, -71.4694
Hunter-Lab	80.7761, -28.2392, -15.2631

Details

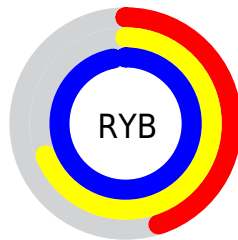
The YIQ color **195.4930, -73.7680, -17.7360** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **165.5070, 73.7680, 17.7360**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, -47.6800, -16.9600**, and **135.6060, -81.5160, -20.4920** is the 20% darker color. If you saturate the color by 10%, you get **185.6700, -87.5680, -20.9440**, and if you desaturate by 10%, it is **205.3160, -59.9680, -14.5280**.

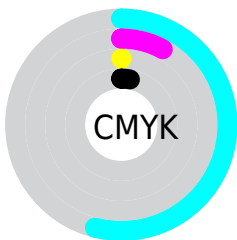
Distribution



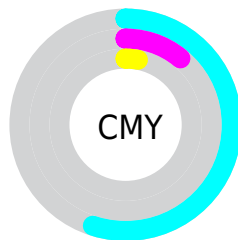
- Red (45%)
- Green (89%)
- Blue (97%)



- Red (45%)
- Yellow (69%)
- Blue (97%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (55%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4930, -73.7680, -17.7360 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 195.4930, -73.7680, -17.7360 by changing the saturation by 10% instead.

■ 195.4930,
-73.7680, -17.7360

■ 195.4930,
-73.7680, -17.7360

■ 255.0000, -0.0000,
-0.0000

■ 166.1830,
-75.8310, -18.8950

■ 231.0800,
-47.6800, -16.9600

■ 135.6060,
-81.5160, -20.4920

■ 240.0500,
-29.8000, -10.6000

■ 103.6970,
-92.1980, -25.1420

■ 249.0200,
-11.9200, -4.2400

■ 85.4710, -76.7020,
-19.6300

■ 67.9460, -61.8020,
-14.3300

■ 51.0080, -47.1770,
-9.5530

■ 34.8850, -33.4690,

-4.6770

■ 20.0500, -20.6320,
-0.5360

■ 2.9810, -7.0160,
6.0080

■ 195.4930,
-73.7680, -17.7360

■ 195.4930,
-73.7680, -17.7360

■ 185.6700,
-87.5680, -20.9440

■ 205.3160,
-59.9680, -14.5280

■ 176.7330,
-101.0470, -24.4630

■ 214.2530,
-46.4890, -11.0090

■ 166.9100,
-114.8470, -27.6710

■ 224.0760,
-32.6890, -7.8010

■ 157.0870,
-128.6470, -30.8790

■ 233.8990,
-18.8890, -4.5930

■ 151.4280,
-137.0370, -33.0130

■ 243.4230, -5.6850,
-1.5970

■ 250.5660, 4.2180,
0.6500

■ 252.9140, 3.1180,
-1.4420

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

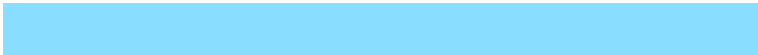
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.5360, -58.1320, -25.7800



195.4930, -73.7680, -17.7360



199.7600, -60.9780, -7.2340

Triad

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



195.4930, -73.7680, -17.7360



215.9670, 23.1030, 27.3510



208.7160, 29.4380, -15.8900

Complementary

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



195.4930, -73.7680, -17.7360



165.5070, 73.7680, 17.7360

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.



211.9020, 46.9500, -2.8580



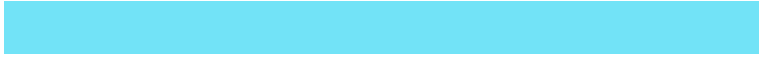
195.4930, -73.7680, -17.7360



210.0850, 34.1540, 19.8020

Square

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



195.4930, -73.7680, -17.7360



214.0330, -3.6260, 21.6700



209.0130, 42.6840, 8.3800



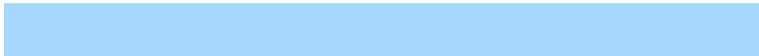
205.0870, 3.1680, -24.3840

Rectangle

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



195.4930, -73.7680, -17.7360



204.6100, -42.6400, 1.8400



209.0130, 42.6840, 8.3800



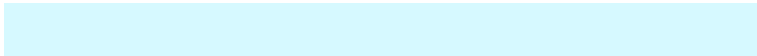
210.2440, 36.8190, -11.9890

Sweetspot

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



195.4930, -73.7680, -17.7360



239.2190, -22.7860, -5.5540



194.1230, -42.3530, -63.9610



118.1770, -13.8000, -3.2080



0.0000, 0.0000, 0.0000



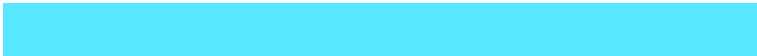
128.0000, -0.0000, -0.0000

Same Dimension

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



195.4930, -73.7680, -17.7360



190.6910, -92.0610, -22.1170



157.9250, -56.1680, 15.7360



117.8250, -6.8770, -2.0210



113.9500, -103.1560, -24.7880



36.0760, -32.6890, -7.8010

Inverse Universe

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



166.6490, 42.9950, 63.3390



154.7080, 53.6750, 79.0430



203.0750, 56.1680, -15.7360



114.8420, 3.6210, 5.9650



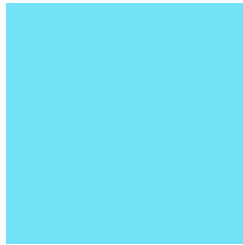
73.6260, 60.1380, 88.5700



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 195.4930, -73.7680, -17.7360 looks on a white background.

Color Contrast Check

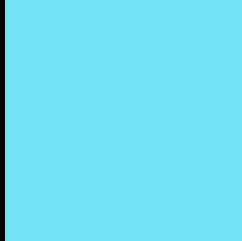
Large Text (above 18pt) WCAG AA × Fail

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 195.4930, -73.7680, -17.7360 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 195.4930, -73.7680, -17.7360 Background



This preview shows how black text looks on a background with the YIQ color 195.4930, -73.7680, -17.7360.



This preview shows how white text looks on a background with the YIQ color 195.4930, -73.7680, -17.7360.

-17.7360.

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

195.4930, -73.7680, -17.7360

Protanopia

210.4800, -9.8590, 7.9730

Deuteranopia

211.8530, -12.1070, 15.6770



Tritanopia

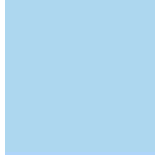
195.0800, -74.0430, -18.2590

Trichromacy



Original Color

195.4930, -73.7680, -17.7360



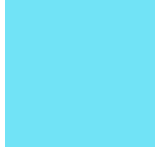
Protanomaly

205.1780, -32.7360, -1.4400



Deuteranomaly

205.8560, -34.5250, 3.4510



Tritanomaly

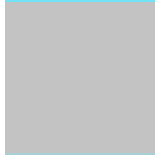
195.0800, -74.0430, -18.2590

Monochromacy



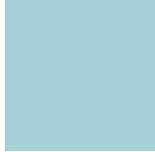
Original Color

195.4930, -73.7680, -17.7360



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.5390, -26.6830, -6.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4930, -73.7680, -17.7360 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(114, 227, 247)` looks like.

```
.text, #text, p{  
    color:rgb(114, 227, 247)  
}
```

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(114, 227, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 227, 247) }
```

Border

The CSS property to change the border of an element to YIQ 195.4930, -73.7680, -17.7360 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(114, 227, 247) }
```


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

```
.border{ border-color:rgb(114, 227, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 227, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 227, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 227, 247);  
box-shadow:4px 4px 4px 4px rgb(114, 227,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4930, -73.7680, -17.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 227, 247) }
```

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

```
.background{ background-color: rgb(114,  
227, 247) }
```

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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