

Converting Colors

YIQ(177.4770, -76.8390,
-22.6550)

Have a look what the booklet for
YIQ(177.4770, -76.8390, -22.6550)
contains.

YIQ(177.4770, -76.8390, -22.6550)	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(177.4770, -76.8390,
-22.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD5E0
RGB	90, 213, 224
RGB Percent	35%, 84%, 88%
CMY	0.6473, 0.1645, 0.1219
CMYK	0.60, 0.05, 0.00, 0.12
HSL	185°, 68%, 62%
HSV	185°, 60%, 88%
XYZ	41.4603, 55.1620, 78.9263
YIQ	177.4770, -76.8390, -22.6550

Conversions

Conversions Part 2

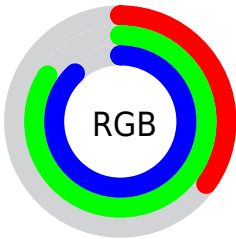
Format	Color
RYB	90, 154, 224
Decimal	5952992
CIELab	79.13, -30.86, -15.63
CIELCh	79, 34.597, 206.866
Yxy	55.1620, 0.2362, 0.3142
Android (android.graphics.Color)	4284143072 (0xFF5AD5E0)
YUV	177.4770, 22.9358, -76.7173
Hunter-Lab	74.2711, -30.3305, -11.0164

Details

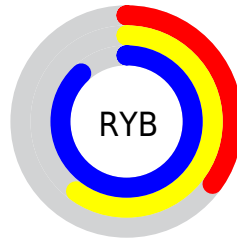
The YIQ color **177.4770, -76.8390, -22.6550** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.5230, 76.8390, 22.6550**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, -61.3880, -21.8360**, and **112.0120, -97.6990, -30.0750** is the 20% darker color. If you saturate the color by 10%, you get **169.7250, -89.4010, -26.2730**, and if you desaturate by 10%, it is **185.2290, -64.2770, -19.0370**.

Distribution



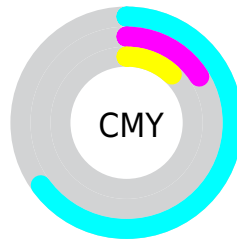
- Red (35%)
- Green (84%)
- Blue (88%)



- Red (35%)
- Yellow (60%)
- Blue (88%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (65%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.4770, -76.8390, -22.6550 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 177.4770, -76.8390, -22.6550 by changing the saturation by 10% instead.

■ 177.4770,
-76.8390, -22.6550

■ 177.4770,
-76.8390, -22.6550

■ 255.0000, -0.0000,
-0.0000

■ 147.0850,
-81.6070, -24.3510

■ 224.2030,
-61.3880, -21.8360

■ 112.0120,
-97.6990, -30.0750

■ 233.1730,
-43.5080, -15.4760

■ 93.6720, -81.8820,
-24.8740

■ 242.4420,
-25.0320, -8.9040

■ 75.5600, -66.7070,
-19.0510

■ 251.4120, -7.1520,
-2.5440

■ 58.0350, -51.8070,
-13.7510

■ 41.9120, -38.0990,
-8.8750

■ 26.9630, -24.9410,

-5.0450

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 177.4770,
-76.8390, -22.6550

■ 177.4770,
-76.8390, -22.6550

■ 169.7250,
-89.4010, -26.2730

■ 185.2290,
-64.2770, -19.0370

■ 161.6740,
-102.5590, -30.1030

■ 193.2800,
-51.1190, -15.2070

■ 154.5090,
-115.3960, -34.2440

■ 201.0320,
-38.5570, -11.5890

■ 146.4580,
-128.5540, -38.0740

■ 208.4960,
-25.1240, -7.2360

■ 216.2480,
-12.5620, -3.6180

■ 224.0000, -0.0000,
0.0000

■ 232.0510, 13.1580,
3.8300

■ 235.6170, 17.3760,
4.4800

■ 236.2040, 17.1010,
3.9570

Harmonies

Analogous

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



180.8910, -51.9420, -27.8300



177.4770, -76.8390, -22.6550



182.1650, -75.4200, -9.8200

Triad

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



177.4770, -76.8390, -22.6550



200.9000, 16.0420, 28.6660



194.7170, 36.8650, -12.8230

Complementary

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



177.4770, -76.8390, -22.6550



136.5230, 76.8390, 22.6550

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.



196.9890, 51.2590, 1.6510



177.4770, -76.8390, -22.6550



200.1230, 40.1590, 26.6150

Square

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



177.4770, -76.8390, -22.6550



198.3890, -16.3720, 21.3880



197.5350, 50.2020, 15.3060



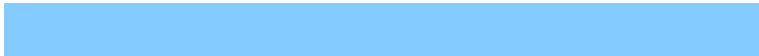
191.1050, 11.9250, -23.3950

Rectangle

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



177.4770, -76.8390, -22.6550



187.6990, -59.0080, 1.1200



197.5350, 50.2020, 15.3060



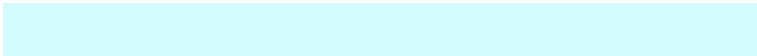
195.2880, 42.6870, -8.2010

Sweetspot

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



177.4770, -76.8390, -22.6550



238.8980, -26.3160, -7.6600



169.6840, -39.7390, -67.2830



117.5680, -16.4590, -4.5790



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.



177.4770, -76.8390, -22.6550



191.1790, -105.5390, -31.1630



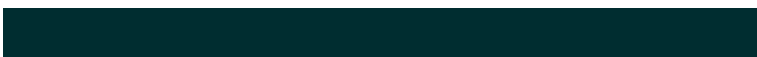
139.3220, -58.9640, 11.3400



108.1240, -6.2810, -1.8090



115.1580, -101.0460, -29.9900



31.8870, -27.7830, -8.6070

Inverse Universe

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



144.0880, 40.3810, 66.6610



145.2820, 55.4150, 91.5670



174.6780, 58.9640, -11.3400



105.4290, 3.3460, 5.4420



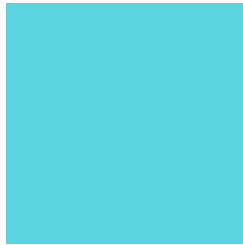
71.0920, 52.8940, 87.6940



19.4820, 14.1630, 24.1710

Previews

White Background



This preview shows how the YIQ color 177.4770, -76.8390, -22.6550 looks on a white background.

Color Contrast Check

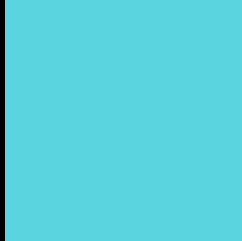
Large Text (above 18pt) WCAG AA × Fail

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 177.4770, -76.8390, -22.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

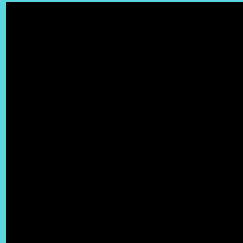
Any Text WCAG AA ✓ Pass

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 177.4770, -76.8390, -22.6550 Background



This preview shows how black text looks on a background with the YIQ color 177.4770, -76.8390, -22.6550.



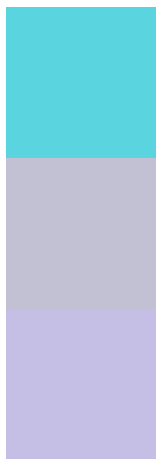
This preview shows how white text looks on a background with the YIQ color 177.4770, -76.8390, -22.6550.

-22.6550.

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

177.4770, -76.8390, -22.6550

Protanopia

195.0520, -5.7780, 5.5980

Deuteranopia

196.5390, -8.3470, 13.6130



Tritanopia

178.0580, -76.9770, -20.1530

Trichromacy



Original Color

177.4770, -76.8390, -22.6550



Protanomaly

188.6680, -31.3600, -4.3520



Deuteranomaly

189.3460, -33.1490, 0.5390



Tritanomaly

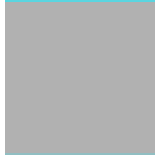
177.5310, -76.9310, -20.9870

Monochromacy



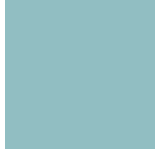
Original Color

177.4770, -76.8390, -22.6550



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0010, -28.1040, -8.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.4770, -76.8390, -22.6550 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(90, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(90, 213, 224)  
}
```

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(90, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 213, 224) }
```

Border

The CSS property to change the border of an element to YIQ 177.4770, -76.8390, -22.6550 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(90, 213, 224) }
```


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

```
.border{ border-color:rgb(90, 213, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 213, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(90, 213,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 177.4770, -76.8390, -22.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 213, 224) }
```

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

```
.background{ background-color: rgb(90, 213,  
224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor