

Converting Colors

YIQ(178.6040, -96.3700,
-26.6260)

Have a look what the booklet for
YIQ(178.6040, -96.3700, -26.6260)
contains.

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Color

**YIQ(178.6040, -96.3700,
-26.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	46DEF0
RGB	70, 222, 240
RGB Percent	27%, 87%, 94%
CMY	0.7258, 0.1291, 0.0592
CMYK	0.71, 0.07, 0.00, 0.06
HSL	186°, 85%, 61%
HSV	186°, 71%, 94%
XYZ	44.3708, 59.8606, 91.5750
YIQ	178.6040, -96.3700, -26.6260

Conversions

Conversions Part 2

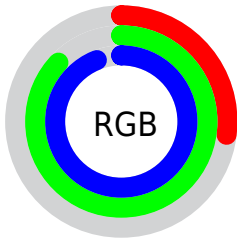
Format	Color
R _Y B	70, 150, 240
Decimal	4644592
CIE Lab	81.76, -33.52, -20.23
CIE LCh	82, 39.148, 211.114
Yxy	59.8606, 0.2266, 0.3057
Android (android.graphics.Color)	4282834672 (0xFF46DEF0)
YUV	178.6040, 30.2682, -95.2457
Hunter-Lab	77.3696, -33.0287, -16.0172

Details

The YIQ color **178.6040, -96.3700, -26.6260** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **131.3960, 96.3700, 26.6260**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.6150, -68.5400, -24.3800**, and **118.4180, -104.7140, -29.5940** is the 20% darker color. If you saturate the color by 10%, you get **170.2540, -110.1240, -30.6680**, and if you desaturate by 10%, it is **187.5410, -82.8910, -23.1070**.

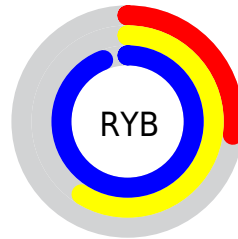
Distribution



Red (27%)

Green (87%)

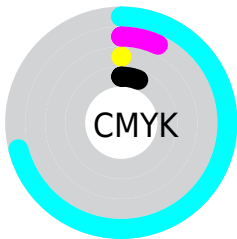
Blue (94%)



Red (27%)

Yellow (59%)

Blue (94%)

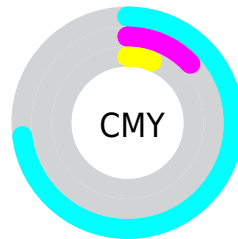


Cyan (71%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6040, -96.3700, -26.6260 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 178.6040, -96.3700, -26.6260 by changing the saturation by 10% instead.

■ 178.6040,
-96.3700, -26.6260

■ 178.6040,
-96.3700, -26.6260

■ 255.0000, -0.0000,
-0.0000

■ 139.5410,
-118.4220, -34.4700

■ 220.6150,
-68.5400, -24.3800

■ 118.4180,
-104.7140, -29.5940

■ 230.1830,
-49.4680, -17.5960

■ 100.0780,
-88.8970, -24.3930

■ 239.4520,
-30.9920, -11.0240

■ 81.8520, -73.4010,
-18.8810

■ 248.7210,
-12.5160, -4.4520

■ 64.3270, -58.5010,
-13.5810

■ 47.3890, -43.8760,
-8.8040

■ 31.2660, -30.1680,

-3.9280

■ 12.4360, -15.7270,
4.1850

■ 2.1830, -4.7690,
3.8310

■ 178.6040,
-96.3700, -26.6260

■ 178.6040,
-96.3700, -26.6260

■ 170.2540,
-110.1240, -30.6680

■ 187.5410,
-82.8910, -23.1070

■ 161.3170,
-123.6030, -34.1870

■ 195.8910,
-69.1370, -19.0650

■ 153.5650,
-136.1650, -37.8050

■ 204.8280,
-55.6580, -15.5460

■ 213.1780,
-41.9040, -11.5040

■ 222.1150,
-28.4250, -7.9850

■ 230.4650,
-14.6710, -3.9430

■ 239.4020, -1.1920,
-0.4240

■ 245.6590, 8.3900,
2.1340

■ 247.4200, 7.5650,
0.5650

Harmonies

Analogous

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



183.9430, -66.8880, -32.2960



178.6040, -96.3700, -26.6260



184.8650, -83.4430, -13.0990

Triad

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



178.6040, -96.3700, -26.6260



208.5420, 23.1020, 32.8780



200.5660, 38.6080, -16.8800

Complementary

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



178.6040, -96.3700, -26.6260



131.3960, 96.3700, 26.6260

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.



203.1480, 55.0650, -1.2470



178.6040, -96.3700, -26.6260



202.1120, 38.6920, 25.6680

Square

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



178.6040, -96.3700, -26.6260



205.1510, -9.7700, 22.8860



199.7690, 49.4230, 12.9030



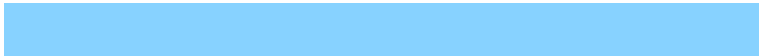
196.5020, 9.1290, -27.7910

Rectangle

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



178.6040, -96.3700, -26.6260



192.7050, -59.1450, -1.9050



199.7690, 49.4230, 12.9030



201.7350, 45.6220, -11.8340

Sweetspot

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



178.6040, -96.3700, -26.6260



235.3320, -30.5340, -8.3100



171.7280, -52.2070, -83.6230



116.0840, -17.9720, -4.6920



0.0000, 0.0000, 0.0000



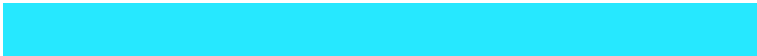
128.0000, -0.0000, -0.0000

Same Dimension

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



178.6040, -96.3700, -26.6260



176.6160, -123.0070, -33.9750



129.2960, -73.2700, 17.3060



115.8250, -6.8770, -2.0210



117.2440, -104.1640, -28.5480



35.7340, -31.7260, -8.7340

Inverse Universe

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



138.1580, 52.5280, 83.3120



124.9990, 67.0580, 106.3380



180.7040, 73.2700, -17.3060



112.8420, 3.6210, 5.9650



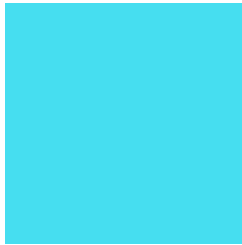
73.7120, 57.0200, 90.0120



22.4440, 17.3260, 27.4220

Previews

White Background



This preview shows how the YIQ color 178.6040, -96.3700, -26.6260 looks on a white background.

Color Contrast Check

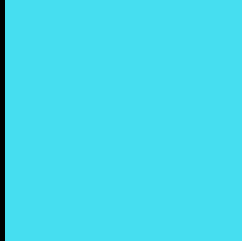
Large Text (above 18pt) WCAG AA × Fail

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 178.6040, -96.3700, -26.6260 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 178.6040, -96.3700, -26.6260 Background



This preview shows how black text looks on a background with the YIQ color 178.6040, -96.3700, -26.6260.

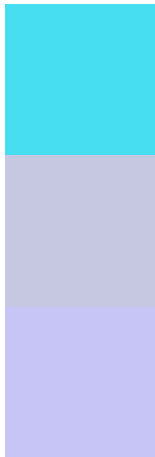


This preview shows how white text looks on a background with the YIQ color 178.6040, -96.3700, -26.6260.

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

178.6040, -96.3700, -26.6260

Protanopia

202.3660, -9.5380, 7.6620

Deuteranopia

203.0700, -14.2160, 15.3520



Tritanopia

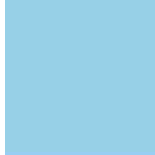
178.6040, -96.3700, -26.6260

Trichromacy



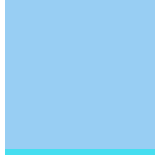
Original Color

178.6040, -96.3700, -26.6260



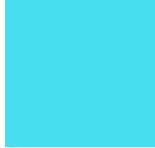
Protanomaly

193.5790, -41.3550, -4.9310



Deuteranomaly

194.0720, -44.0610, 0.0590



Tritanomaly

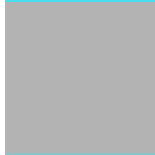
178.6040, -96.3700, -26.6260

Monochromacy



Original Color

178.6040, -96.3700, -26.6260



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

178.9400, -35.3020, -10.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6040, -96.3700, -26.6260 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(70, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(70, 222, 240)  
}
```

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(70, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 222, 240) }
```

Border

The CSS property to change the border of an element to YIQ 178.6040, -96.3700, -26.6260 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(70, 222, 240) }
```


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

```
.border{ border-color:rgb(70, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(70, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(70, 222,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6040, -96.3700, -26.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 222, 240) }
```

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

```
.background{ background-color: rgb(70, 222,  
240) }
```

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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