

Converting Colors

YIQ(181.6130, -74.2260,
-20.4500)

Have a look what the booklet for
YIQ(181.6130, -74.2260, -20.4500)
contains.

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Color

**YIQ(181.6130, -74.2260,
-20.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	62D7E5
RGB	98, 215, 229
RGB Percent	38%, 84%, 90%
CMY	0.6159, 0.1567, 0.1023
CMYK	0.57, 0.06, 0.00, 0.10
HSL	186°, 72%, 64%
HSV	186°, 57%, 90%
XYZ	43.4745, 56.8716, 82.7577
YIQ	181.6130, -74.2260, -20.4500

Conversions

Conversions Part 2

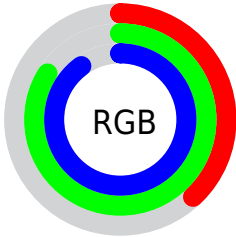
Format	Color
R _Y B	98, 160, 229
Decimal	6477797
CIE Lab	80.11, -29.01, -16.82
CIE LCh	80, 33.535, 210.102
Yxy	56.8716, 0.2374, 0.3106
Android (android.graphics.Color)	4284667877 (0xFF62D7E5)
YUV	181.6130, 23.3618, -73.3286
Hunter-Lab	75.4133, -29.0708, -12.2749

Details

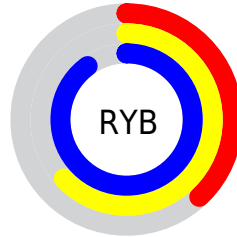
The YIQ color **181.6130, -74.2260, -20.4500** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.3870, 74.2260, 20.4500**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, -57.2160, -20.3520**, and **118.2410, -90.9140, -26.3860** is the 20% darker color. If you saturate the color by 10%, you get **173.5620, -87.3840, -24.2800**, and if you desaturate by 10%, it is **189.6640, -61.0680, -16.6200**.

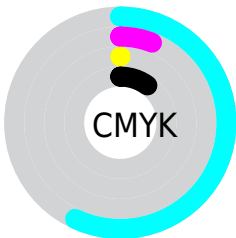
Distribution



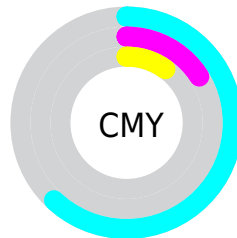
- Red (38%)
- Green (84%)
- Blue (90%)



- Red (38%)
- Yellow (63%)
- Blue (90%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (62%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.6130, -74.2260, -20.4500 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 181.6130, -74.2260, -20.4500 by changing the saturation by 10% instead.

■ 181.6130,
-74.2260, -20.4500

■ 181.6130,
-74.2260, -20.4500

■ 255.0000, -0.0000,
-0.0000

■ 151.8190,
-77.8020, -21.7220

■ 226.2960,
-57.2160, -20.3520

■ 118.1270,
-90.5930, -26.6970

■ 235.2660,
-39.3360, -13.9920

■ 94.8290, -83.7620,
-23.8420

■ 244.2360,
-21.4560, -7.6320

■ 77.1900, -68.5410,
-18.8530

■ 253.5050, -2.9800,
-1.0600

■ 59.6650, -53.6410,
-13.5530

■ 42.9550, -39.6580,
-8.1540

■ 28.0060, -26.5000,

-4.3240

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 181.6130,
-74.2260, -20.4500

■ 181.6130,
-74.2260, -20.4500

■ 173.5620,
-87.3840, -24.2800

■ 189.6640,
-61.0680, -16.6200

■ 164.9240,
-100.2670, -27.5870

■ 198.3020,
-48.1850, -13.3130

■ 156.8730,
-113.4250, -31.4170

■ 206.3530,
-35.0270, -9.4830

■ 148.2350,
-126.3080, -34.7240

■ 214.9910,
-22.1440, -6.1760

■ 146.4410,
-129.8840, -35.9960

■ 222.7430, -9.5820,
-2.5580

■ 231.3810, 3.3010,
0.7490

■ 238.5350, 14.6710,
3.9430

■ 239.7090, 14.1210,
2.8970

■ 241.4700, 13.2960,
1.3280

Harmonies

Analogous

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



184.3470, -53.2260, -26.5860



181.6130, -74.2260, -20.4500



186.3830, -70.1020, -7.0780

Triad

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



181.6130, -74.2260, -20.4500



203.3410, 19.1140, 28.0580



197.2220, 33.8850, -13.8830

Complementary

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



181.6130, -74.2260, -20.4500



145.3870, 74.2260, 20.4500

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.



199.2660, 48.9210, -0.0310



181.6130, -74.2260, -20.4500



201.7700, 39.6550, 24.7350

Square

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



181.6130, -74.2260, -20.4500



201.6560, -12.7500, 21.8260



199.9970, 48.7810, 13.5250



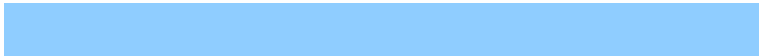
193.2510, 8.5780, -23.3100

Rectangle

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



181.6130, -74.2260, -20.4500



192.1620, -53.0020, 2.4060



199.9970, 48.7810, 13.5250



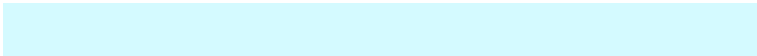
197.6790, 40.0280, -9.5720

Sweetspot

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



181.6130, -74.2260, -20.4500



239.2080, -24.2530, -6.5010



176.3790, -40.1980, -64.4700



118.4650, -14.6710, -3.9430



0.0000, 0.0000, 0.0000



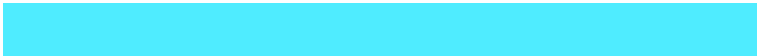
128.0000, -0.0000, -0.0000

Same Dimension

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



181.6130, -74.2260, -20.4500



191.2230, -99.6710, -27.3750



143.4580, -56.3510, 13.5450



110.8250, -6.8770, -2.0210



114.3260, -101.4590, -28.0110



32.8160, -29.0210, -8.1970

Inverse Universe

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



150.5070, 40.5190, 64.1590



149.5220, 54.4990, 86.1390



183.5420, 56.3510, -13.5450



107.8420, 3.6210, 5.9650



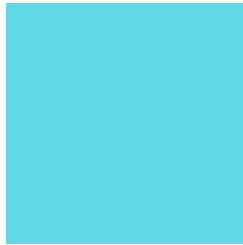
71.7610, 55.3240, 87.7080



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 181.6130, -74.2260, -20.4500 looks on a white background.

Color Contrast Check

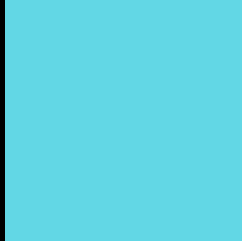
Large Text (above 18pt) WCAG AA × Fail

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 181.6130, -74.2260, -20.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

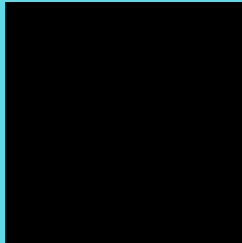
Any Text WCAG AA ✓ Pass

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 181.6130, -74.2260, -20.4500 Background



This preview shows how black text looks on a background with the YIQ color 181.6130, -74.2260, -20.4500.



This preview shows how white text looks on a background with the YIQ color 181.6130, -74.2260, -20.4500.

-20.4500.

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

181.6130, -74.2260, -20.4500

Protanopia

198.0950, -7.3370, 6.3190

Deuteranopia

199.4680, -9.5850, 14.0230



Tritanopia

182.2540, -74.5930, -19.3050

Trichromacy



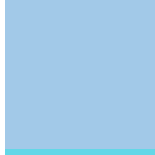
Original Color

181.6130, -74.2260, -20.4500



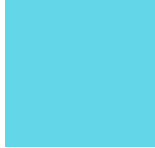
Protanomaly

192.1950, -31.4060, -3.5180



Deuteranomaly

192.8730, -33.1950, 1.3730



Tritanomaly

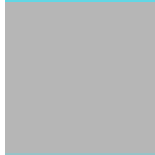
182.1400, -74.2720, -19.6160

Monochromacy



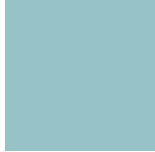
Original Color

181.6130, -74.2260, -20.4500



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.7130, -27.2330, -7.5610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6130, -74.2260, -20.4500 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, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(98, 215, 229)  
}
```

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, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 215, 229) }
```

Border

The CSS property to change the border of an element to YIQ 181.6130, -74.2260, -20.4500 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, 215, 229) }
```


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

```
.border{ border-color:rgb(98, 215, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 215, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 215, 229);  
box-shadow:4px 4px 4px 4px rgb(98, 215,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6130, -74.2260, -20.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 215, 229) }
```

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

```
.background{ background-color: rgb(98, 215,  
229) }
```

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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