

Converting Colors

YIQ(161.3430, -64.5980,
-18.7260)

Have a look what the booklet for
YIQ(161.3430, -64.5980, -18.7260)
contains.

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Color

**YIQ(161.3430, -64.5980,
-18.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	58BFC9
RGB	88, 191, 201
RGB Percent	35%, 75%, 79%
CMY	0.6551, 0.2508, 0.2120
CMYK	0.56, 0.05, 0.00, 0.21
HSL	185°, 51%, 57%
HSV	185°, 56%, 79%
XYZ	33.1937, 43.5661, 61.8764
YIQ	161.3430, -64.5980, -18.7260

Conversions

Conversions Part 2

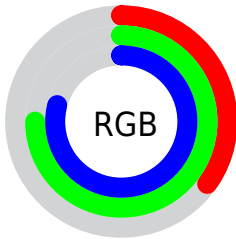
Format	Color
R_{YB}	88, 142, 201
Decimal	5816265
CIE _{Lab}	71.94, -26.93, -14.04
CIE _{LCh}	72, 30.375, 207.539
Yxy	43.5661, 0.2394, 0.3142
Android (android.graphics.Color)	4284006345 (0xFF58BFC9)
YUV	161.3430, 19.5509, -64.3218
Hunter-Lab	66.0046, -25.7406, -9.3785

Details

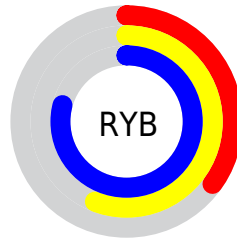
The YIQ color **161.3430, -64.5980, -18.7260** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **127.6570, 64.5980, 18.7260**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.5990, -62.4430, -19.2350**, and **98.3730, -82.4780, -25.0860** is the 20% darker color. If you saturate the color by 10%, you get **154.1890, -75.9680, -21.9200**, and if you desaturate by 10%, it is **168.4970, -53.2280, -15.5320**.

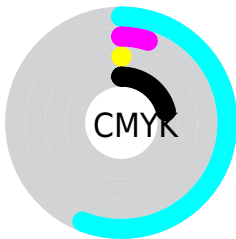
Distribution



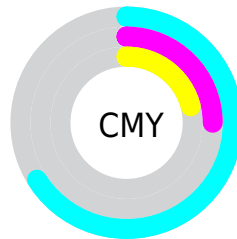
- Red (35%)
- Green (75%)
- Blue (79%)



- Red (35%)
- Yellow (56%)
- Blue (79%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (66%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.3430, -64.5980, -18.7260 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 161.3430, -64.5980, -18.7260 by changing the saturation by 10% instead.

■ 161.3430,
-64.5980, -18.7260

■ 161.3430,
-64.5980, -18.7260

■ 255.0000, -0.0000,
-0.0000

■ 132.8480,
-67.5780, -19.7860

■ 218.5990,
-62.4430, -19.2350

■ 98.3730, -82.4780,
-25.0860

■ 231.3790,
-47.0840, -16.7480

■ 79.5380, -69.6410,
-20.9450

■ 240.3490,
-29.2040, -10.3880

■ 62.0130, -54.7410,
-15.6450

■ 249.3190,
-11.3240, -4.0280

■ 45.3030, -40.7580,
-10.2460

■ 29.7670, -27.3250,
-5.8930

■ 11.6380, -13.4800,

2.0080

■ 0.0000, 0.0000,
0.0000

■ 161.3430,
-64.5980, -18.7260

■ 161.3430,
-64.5980, -18.7260

■ 154.1890,
-75.9680, -21.9200

■ 168.4970,
-53.2280, -15.5320

■ 147.6220,
-87.6130, -25.6370

■ 175.6510,
-41.8580, -12.3380

■ 140.4680,
-98.9830, -28.8310

■ 182.2180,
-30.2130, -8.6210

■ 133.3140,
-110.3530, -32.0250

■ 189.3720,
-18.8430, -5.4270

■ 130.3350,
-114.8460, -33.1980

■ 196.5260, -7.4730,
-2.2330

■ 203.9790, 4.4930,
1.1730

■ 210.5460, 16.1380,
4.8900

■ 217.7000, 27.5080,
8.0840

■ 220.6680, 30.5340,
8.3100

Harmonies

Analogous

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



163.5330, -44.8820, -23.6180



161.3430, -64.5980, -18.7260



164.9770, -63.0870, -7.5590

Triad

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



161.3430, -64.5980, -18.7260



180.7810, 14.7590, 24.3830



175.1340, 31.3170, -11.3950

Complementary

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



161.3430, -64.5980, -18.7260



127.6570, 64.5980, 18.7260

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.



176.8680, 44.2900, 1.2980



161.3430, -64.5980, -18.7260



180.2640, 35.2080, 22.7280

Square

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



161.3430, -64.5980, -18.7260



178.3630, -13.4830, 18.5890



178.5560, 45.7090, 14.1330



171.8430, 9.9070, -19.8610

Rectangle

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



161.3430, -64.5980, -18.7260



169.8310, -50.5720, 2.4200



178.5560, 45.7090, 14.1330



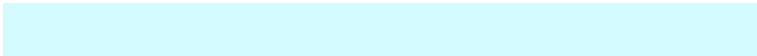
175.9930, 36.2680, -7.5080

Sweetspot

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



161.3430, -64.5980, -18.7260



239.7950, -24.5280, -7.0240



155.3570, -33.9640, -56.3000



118.4650, -14.6710, -3.9430



0.0000, 0.0000, 0.0000



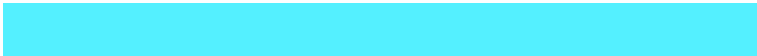
128.0000, -0.0000, -0.0000

Same Dimension

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



161.3430, -64.5980, -18.7260



195.0660, -97.7910, -28.4070



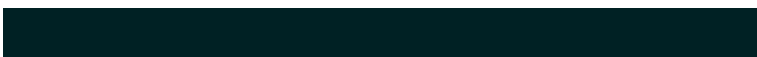
128.4710, -49.1980, 10.5620



96.3090, -5.3640, -1.9080



106.0450, -93.2980, -27.2340



23.4750, -20.6310, -6.0630

Inverse Universe

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



133.5290, 34.2850, 55.9890



152.9130, 51.8400, 84.7680



160.5290, 49.1980, -10.5620



93.7170, 2.4750, 4.7070



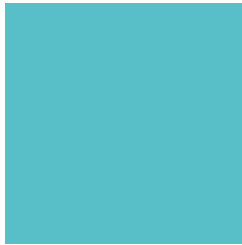
65.7230, 49.3190, 80.8950



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 161.3430, -64.5980, -18.7260 looks on a white background.

Color Contrast Check

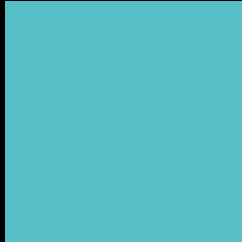
Large Text (above 18pt) WCAG AA × Fail

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 161.3430, -64.5980, -18.7260 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

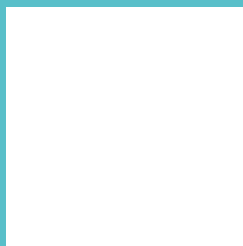
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 161.3430, -64.5980, -18.7260 Background



This preview shows how black text looks on a background with the YIQ color 161.3430, -64.5980, -18.7260.



This preview shows how white text looks on a background with the YIQ color 161.3430, -64.5980, -18.7260.

-18.7260.

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

161.3430, -64.5980, -18.7260

Protanopia

175.8240, -5.1360, 4.9760

Deuteranopia

176.9690, -6.7420, 12.0580



Tritanopia

161.9240, -64.7360, -16.2240

Trichromacy



Original Color

161.3430, -64.5980, -18.7260



Protanomaly

170.5330, -26.5460, -3.4900



Deuteranomaly

171.0970, -28.0140, 1.0900



Tritanomaly

161.3970, -64.6900, -17.0580

Monochromacy



Original Color

161.3430, -64.5980, -18.7260



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

161.0940, -23.9320, -6.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3430, -64.5980, -18.7260 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(88, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(88, 191, 201)  
}
```

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(88, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 191, 201) }
```

Border

The CSS property to change the border of an element to YIQ 161.3430, -64.5980, -18.7260 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(88, 191, 201) }
```


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

```
.border{ border-color:rgb(88, 191, 201) }
```

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

Here you see how a box with a 4 pixel rgb(88, 191, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(88, 191,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3430, -64.5980, -18.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 191, 201) }
```

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

```
.background{ background-color: rgb(88, 191,  
201) }
```

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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