

# Converting Colors

YIQ(145.9980, -76.7480,  
-18.7960)

Have a look what the booklet for  
YIQ(145.9980, -76.7480, -18.7960)  
contains.

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# Color

**YIQ(145.9980, -76.7480,  
-18.7960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DB3C7
RGB	61, 179, 199
RGB Percent	24%, 70%, 78%
CMY	0.7610, 0.2978, 0.2199
CMYK	0.69, 0.10, 0.00, 0.22
HSL	189°, 55%, 51%
HSV	189°, 69%, 78%
XYZ	28.3496, 37.3698, 59.7021
YIQ	145.9980, -76.7480, -18.7960

# Conversions

## Conversions Part 2

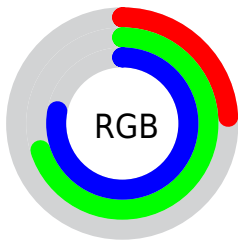
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 125, 199
Decimal	4043719
CIELab	67.55, -26.07, -19.64
CIELCh	68, 32.642, 216.988
Yxy	37.3698, 0.2260, 0.2980
Android (android.graphics.Color)	4282233799 (0xFF3DB3C7)
YUV	145.9980, 26.1300, -74.5432
Hunter-Lab	61.1308, -24.1989, -15.1127




# Details

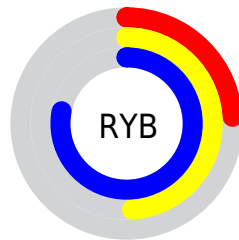
The YIQ color **145.9980, -76.7480, -18.7960** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **114.0020, 76.7480, 18.7960**, and the grayscale version is **146.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **204.6890, -71.3840, -16.8880**, and **90.4920, -81.1950, -20.8030** is the 20% darker color. If you saturate the color by 10%, you get **138.2570, -87.8430, -21.4670**, and if you desaturate by 10%, it is **153.7390, -65.6530, -16.1250**.

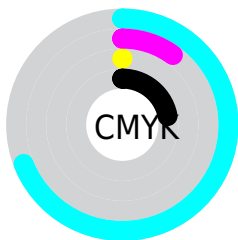
# Distribution







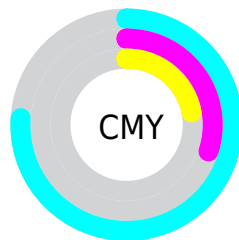
-  Red (24%)
-  Green (70%)
-  Blue (78%)






-  Red (24%)
-  Yellow (49%)
-  Blue (78%)



-  Cyan (69%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (22%)



-  Cyan (76%)
-  Magenta (30%)
-  Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 145.9980, -76.7480, -18.7960 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 145.9980, -76.7480, -18.7960 by changing the saturation by 10% instead.



■ 145.9980,  
-76.7480, -18.7960

■ 145.9980,  
-76.7480, -18.7960

■ 255.0000, -0.0000,  
-0.0000

■ 110.6260,  
-93.4360, -24.7320

■ 204.6890,  
-71.3840, -16.8880

■ 90.4920, -81.1950,  
-20.8030

■ 225.3990,  
-59.0040, -20.9880

■ 72.8530, -65.9740,  
-15.8140

■ 234.3690,  
-41.1240, -14.6280

■ 55.4420, -51.3950,  
-10.2030

■ 243.3390,  
-23.2440, -8.2680

■ 39.2050, -37.3660,  
-5.6380

■ 252.3090, -5.3640,  
-1.9080

■ 24.8430, -24.4830,  
-2.3310

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,  
0.0000

■ 145.9980,  
-76.7480, -18.7960

■ 145.9980,  
-76.7480, -18.7960

■ 138.2570,  
-87.8430, -21.4670

■ 153.7390,  
-65.6530, -16.1250

■ 130.5160,  
-98.9380, -24.1380

■ 161.4800,  
-54.5580, -13.4540

■ 122.7750,  
-110.0330, -26.8090

■ 169.2210,  
-43.4630, -10.7830

■ 122.4760,  
-110.6290, -27.0210

■ 176.9620,  
-32.3680, -8.1120

■ 183.8170,  
-21.5940, -5.1300

■ 191.5580,  
-10.4990, -2.4590

■ 199.2990, 0.5960,  
0.2120

■ 207.0400, 11.6910,  
2.8830

■ 214.7810, 22.7860,  
5.5540

# Harmonies

## Analogous

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



148.4650, -59.3700, -25.3700



145.9980, -76.7480, -18.7960



153.6010, -64.7840, -4.3360

# Triad

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



145.9980, -76.7480, -18.7960



168.7390, 23.7450, 26.7290



162.1610, 26.6870, -15.5930

# Complementary

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



145.9980, -76.7480, -18.7960



114.0020, 76.7480, 18.7960

# 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.



164.6350, 43.3280, -3.2960



145.9980, -76.7480, -18.7960



167.8580, 42.2230, 22.2470

# Square

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



145.9980, -76.7480, -18.7960



167.4890, -4.9100, 22.9140



166.4160, 48.9190, 11.0230



158.5430, 1.8840, -23.1400



# Rectangle

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



145.9980, -76.7480, -18.7960



159.6190, -46.8590, 6.7170



166.4160, 48.9190, 11.0230



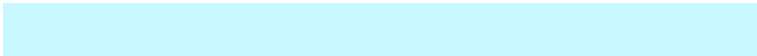
163.0910, 32.8760, -12.1160

# Sweetspot

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



145.9980, -76.7480, -18.7960



234.1580, -29.9840, -7.2640



144.0580, -43.7280, -66.5760



115.4970, -17.6970, -4.1690



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

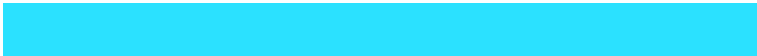


# Same Dimension

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



145.9980, -76.7480, -18.7960



174.0020, -118.1020, -29.2540



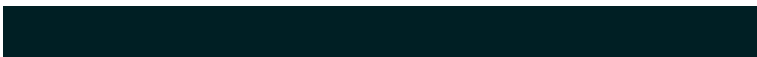
106.6690, -58.3230, 16.2450



95.7220, -5.0890, -1.3850



100.7620, -90.8230, -22.5270



22.3010, -20.0810, -5.0170



# Inverse Universe

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



115.7140, 44.3700, 65.9540



127.1360, 67.9300, 101.5460



153.3310, 58.3230, -16.2450



93.6030, 2.7960, 4.3960



64.6970, 52.2080, 78.0960



14.2980, 11.5050, 17.2730



# Previews

## White Background



This preview shows how the YIQ color 145.9980, -76.7480, -18.7960 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

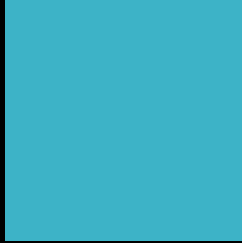
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 145.9980, -76.7480, -18.7960 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 145.9980, -76.7480, -18.7960 Background



This preview shows how black text looks on a background with the YIQ color 145.9980, -76.7480, -18.7960.



This preview shows how white text looks on a background with the YIQ color 145.9980, -76.7480, -18.7960.

-18.7960.

# 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

145.9980, -76.7480, -18.7960

### Protanopia

164.0670, -10.1340, 7.4500

### Deuteranopia

164.6030, -14.3990, 13.1610



## Tritanopia

145.1180, -77.2060, -21.5100

# Trichromacy



## Original Color

145.9980, -76.7480, -18.7960

## Protanomaly

157.2810, -34.5240, -2.0760

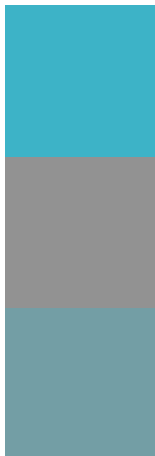
## Deuteranomaly

157.8340, -37.4590, 1.5570

## Tritanomaly

145.6450, -77.2520, -20.6760

# Monochromacy



## Original Color

145.9980, -76.7480, -18.7960

## Achromatopsia

146.0000, -0.0000, -0.0000

## Achromatomaly

145.9410, -27.8750, -6.9390

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 145.9980, -76.7480, -18.7960 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(61, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(61, 179, 199)  
}
```

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(61, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 179, 199) }
```

## Border

The CSS property to change the border of an element to YIQ 145.9980, -76.7480, -18.7960 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(61, 179, 199) }
```



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

```
.border{ border-color:rgb(61, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(61, 179,  
199) }
```

# Background

The CSS property to change the background color of an element to YIQ 145.9980, -76.7480, -18.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 179, 199) }
```

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

```
.background{ background-color: rgb(61, 179,  
199) }
```

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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