

# Converting Colors

YIQ(145.5930, -62.3060,  
-16.2100)

Have a look what the booklet for  
YIQ(145.5930, -62.3060, -16.2100)  
contains.

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# Color

**YIQ(145.5930, -62.3060,  
-16.2100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CADBB
RGB	76, 173, 187
RGB Percent	30%, 68%, 73%
CMY	0.7022, 0.3214, 0.2669
CMYK	0.59, 0.07, 0.00, 0.27
HSL	188°, 45%, 52%
HSV	188°, 59%, 73%
XYZ	26.8900, 35.0220, 52.3194
YIQ	145.5930, -62.3060, -16.2100

# Conversions

## Conversions Part 2

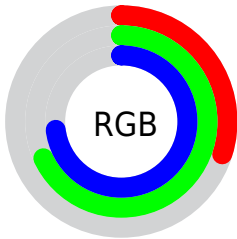
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 128, 187
Decimal	5025211
CIELab	65.77, -24.20, -15.67
CIELCh	66, 28.835, 212.930
Yxy	35.0220, 0.2354, 0.3066
Android (android.graphics.Color)	4283215291 (0xFF4CADBB)
YUV	145.5930, 20.4137, -61.0331
Hunter-Lab	59.1794, -22.4570, -10.9916

# Details

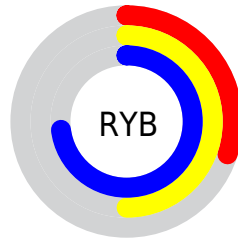
The YIQ color **145.5930, -62.3060, -16.2100** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.4070, 62.3060, 16.2100**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.4900, -60.5180, -15.5740**, and **85.7160, -76.0140, -21.0860** is the 20% darker color. If you saturate the color by 10%, you get **138.7380, -73.0800, -19.1920**, and if you desaturate by 10%, it is **152.4480, -51.5320, -13.2280**.

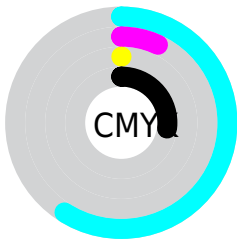
# Distribution



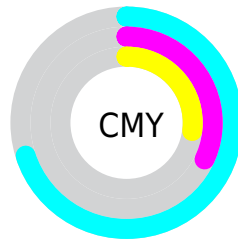
- Red (30%)
- Green (68%)
- Blue (73%)



- Red (30%)
- Yellow (50%)
- Blue (73%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (32%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5930, -62.3060, -16.2100 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 145.5930, -62.3060, -16.2100 by changing the saturation by 10% instead.



■ 145.5930,  
-62.3060, -16.2100

■ 145.5930,  
-62.3060, -16.2100

■ 255.0000, -0.0000,  
-0.0000

■ 116.5000,  
-66.4780, -17.6940

■ 202.4900,  
-60.5180, -15.5740

■ 85.7160, -76.0140,  
-21.0860

■ 227.7910,  
-54.2360, -19.2920

■ 68.0770, -60.7930,  
-16.0970

■ 236.4620,  
-36.9520, -13.1440

■ 51.2530, -46.4890,  
-11.0090

■ 245.4320,  
-19.0720, -6.7840

■ 35.1300, -32.7810,  
-6.1330

■ 254.4020, -1.1920,  
-0.4240

■ 22.0560, -20.7690,  
-3.5610

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,  
0.0000

■ 145.5930,  
-62.3060, -16.2100

■ 145.5930,  
-62.3060, -16.2100

■ 138.7380,  
-73.0800, -19.1920

■ 152.4480,  
-51.5320, -13.2280

■ 131.5950,  
-82.9830, -21.4390

■ 159.5910,  
-41.6290, -10.9810

■ 124.7400,  
-93.7570, -24.4210

■ 166.4460,  
-30.8550, -7.9990

■ 117.8850,  
-104.5310, -27.4030

■ 173.3010,  
-20.0810, -5.0170

■ 117.5860,  
-105.1270, -27.6150

■ 180.4440,  
-10.1780, -2.7700

■ 187.2990, 0.5960,  
0.2120

■ 194.1540, 11.3700,  
3.1940

■ 201.2970, 21.2730,  
5.4410

■ 208.1520, 32.0470,  
8.4230

# Harmonies

## Analogous

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



147.1030, -46.4870, -22.0630



145.5930, -62.3060, -16.2100



150.3800, -56.8520, -4.9160

# Triad

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



145.5930, -62.3060, -16.2100



163.8090, 17.5560, 23.2520



157.9700, 25.9070, -12.4690

# Complementary

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



145.5930, -62.3060, -16.2100



117.4070, 62.3060, 16.2100

# 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.



159.9490, 39.5680, -1.2320



145.5930, -62.3060, -16.2100



162.9820, 35.9420, 20.4380

# Square

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



145.5930, -62.3060, -16.2100



162.2990, -7.4310, 19.0410



161.8930, 43.1420, 11.0940



155.5050, 5.0470, -19.8890



# Rectangle

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



145.5930, -62.3060, -16.2100



155.3050, -43.0990, 4.6530



161.8930, 43.1420, 11.0940



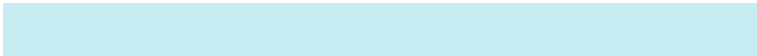
159.0140, 31.7750, -8.6810

# Sweetspot

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



145.5930, -62.3060, -16.2100



226.2080, -24.2530, -6.5010



142.6390, -34.6980, -54.0100



112.1660, -15.2670, -4.1550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000



# Same Dimension

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



145.5930, -62.3060, -16.2100



178.2450, -96.7370, -25.4810



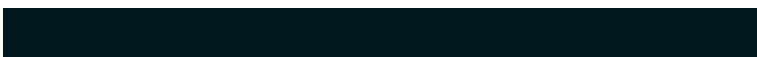
113.3080, -47.1810, 12.5550



90.7220, -5.0890, -1.3850



99.0180, -88.6680, -23.0360



19.3830, -17.3760, -4.4800



# Inverse Universe

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



120.2470, 35.0190, 53.6990



138.6420, 54.0410, 83.4250



149.1050, 47.4560, -12.0320



88.6030, 2.7960, 4.3960



62.9740, 49.8700, 76.4140



12.3470, 9.8090, 14.9690



# Previews

## White Background



This preview shows how the YIQ color 145.5930, -62.3060, -16.2100 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 145.5930, -62.3060, -16.2100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

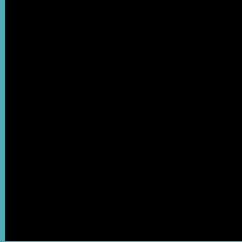
Any Text WCAG AA ✓ Pass

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 145.5930, -62.3060, -16.2100 Background



This preview shows how black text looks on a background with the YIQ color 145.5930, -62.3060, -16.2100.



This preview shows how white text looks on a background with the YIQ color 145.5930, -62.3060, -16.2100.



# 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

145.5930, -62.3060, -16.2100

### Protanopia

159.5680, -7.2910, 5.4850

### Deuteranopia

160.0010, -9.7680, 11.8320



## Tritanopia

145.5930, -62.3060, -16.2100

# Trichromacy



## Original Color

145.5930, -62.3060, -16.2100

## Protanomaly

154.2880, -27.2340, -2.0340

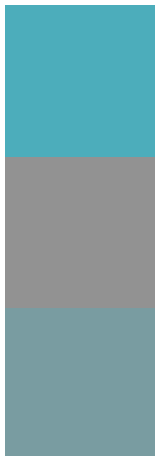
## Deuteranomaly

155.0260, -29.2520, 1.5000

## Tritanomaly

145.5930, -62.3060, -16.2100

# Monochromacy



## Original Color

145.5930, -62.3060, -16.2100

## Achromatopsia

146.0000, -0.0000, -0.0000

## Achromatomaly

146.1050, -22.4650, -5.8650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 145.5930, -62.3060, -16.2100 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(76, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(76, 173, 187)  
}
```

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(76, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 173, 187) }
```

## Border

The CSS property to change the border of an element to YIQ 145.5930, -62.3060, -16.2100 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(76, 173, 187) }
```



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

```
.border{ border-color:rgb(76, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(76, 173,  
187) }
```

# Background

The CSS property to change the background color of an element to YIQ 145.5930, -62.3060, -16.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 173, 187) }
```

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

```
.background{ background-color: rgb(76, 173,  
187) }
```

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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