

# Converting Colors

YIQ(162.9960, -29.7080,  
-12.2680)

Have a look what the booklet for  
YIQ(162.9960, -29.7080, -12.2680)  
contains.

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# Color

**YIQ(162.9960, -29.7080,  
-12.2680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB3AF
RGB	127, 179, 175
RGB Percent	50%, 70%, 69%
CMY	0.5021, 0.2979, 0.3138
CMYK	0.29, 0.00, 0.02, 0.30
HSL	175°, 26%, 60%
HSV	175°, 29%, 70%
XYZ	32.6071, 39.8525, 46.5161
YIQ	162.9960, -29.7080, -12.2680

# Conversions

## Conversions Part 2

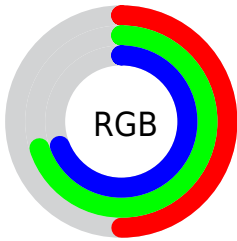
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 154, 179
Decimal	8369071
CIELab	69.36, -17.93, -3.45
CIElCh	69, 18.257, 190.892
Yxy	39.8525, 0.2741, 0.3350
Android (android.graphics.Color)	4286559151 (0xFF7FB3AF)
YUV	162.9960, 5.9180, -31.5685
Hunter-Lab	63.1288, -18.2773, 0.5027

# Details

The YIQ color **162.9960, -29.7080, -12.2680** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **143.0040, 29.7080, 12.2680**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.2840, -30.5790, -13.0030**, and **110.4090, -29.4330, -11.7450** is the 20% darker color. If you saturate the color by 10%, you get **157.5000, -40.1150, -16.3950**, and if you desaturate by 10%, it is **168.4920, -19.3010, -8.1410**.

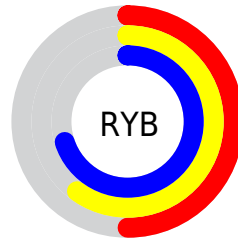
# Distribution



Red (50%)

Green (70%)

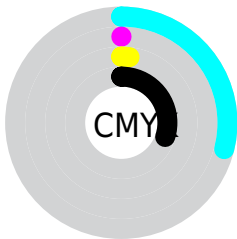
Blue (69%)



Red (50%)

Yellow (60%)

Blue (70%)

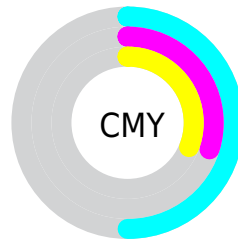


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 162.9960, -29.7080, -12.2680 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 162.9960, -29.7080, -12.2680 by changing the saturation by 10% instead.



■ 162.9960,  
-29.7080, -12.2680

■ 162.9960,  
-29.7080, -12.2680

■ 255.0000, -0.0000,  
-0.0000

■ 136.2950,  
-29.1120, -12.0560

■ 218.2840,  
-30.5790, -13.0030

■ 110.4090,  
-29.4330, -11.7450

■ 241.2460,  
-27.4160, -9.7520

■ 85.4090, -29.4330,  
-11.7450

■ 249.9170,  
-10.1320, -3.6040

■ 60.8110, -30.6250,  
-12.1690

■ 37.5120, -31.2210,  
-12.3810

■ 22.7910, -18.7050,  
-7.9290

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,  
0.0000

■ 162.9960,  
-29.7080, -12.2680

■ 162.9960,  
-29.7080, -12.2680

■ 157.5000,  
-40.1150, -16.3950

■ 168.4920,  
-19.3010, -8.1410

■ 151.8900,  
-50.2010, -20.8330

■ 174.1020, -9.2150,  
-3.7030

■ 146.3940,  
-60.6080, -24.9600

■ 179.5980, 1.1920,  
0.4240

■ 140.7840,  
-70.6940, -29.3980

■ 185.2080, 11.2780,  
4.8620

■ 135.2880,  
-81.1010, -33.5250

■ 190.4050, 21.0890,  
8.7770

■ 130.0910,  
-90.9120, -37.4400

■ 195.9010, 31.4960,  
12.9040

■ 124.4810,  
-100.9980, -41.8780

■ 201.5110, 41.5820,  
17.3420

■ 123.8830,  
-102.1900, -42.3020

■ 202.5220, 43.0490,  
18.2890

■ 202.7500, 42.4070,  
18.9110

# Harmonies

## Analogous

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



164.0590, -16.8240, -14.4880



162.9960, -29.7080, -12.2680



163.8200, -34.8440, -7.2920

# Triad

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



162.9960, -29.7080, -12.2680



171.6170, 0.1810, 13.2450



170.1090, 24.4380, -2.3620

# Complementary

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



162.9960, -29.7080, -12.2680



143.0040, 29.7080, 12.2680

# 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.



171.1900, 28.8840, 5.1720



162.9960, -29.7080, -12.2680



172.5710, 14.9900, 14.6860

# Square

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



162.9960, -29.7080, -12.2680



169.4730, -17.1490, 7.9310



172.4380, 25.4900, 11.6180



168.0320, 14.1690, -8.9910



# Rectangle

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



162.9960, -29.7080, -12.2680



165.0640, -32.4150, -1.7510



172.4380, 25.4900, 11.6180



170.3590, 26.7300, 0.1540

# Sweetspot

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



162.9960, -29.7080, -12.2680



225.4930, -11.8740, -5.0740



158.7200, -11.9160, -26.3480



112.9990, -7.4270, -3.0670



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



162.9960, -29.7080, -12.2680



207.0970, -46.3500, -19.0380



150.5380, -24.9420, 0.4820



86.3090, -5.3640, -1.9080



105.8850, -87.3360, -36.1680



17.9980, -14.8540, -6.1340



# Inverse Universe

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



143.0040, 29.7080, 12.2680



175.9030, 46.3500, 19.0380



155.4620, 24.9420, -0.4820



82.8050, 5.0430, 2.2190



47.1150, 87.3360, 36.1680



8.0020, 14.8540, 6.1340



# Previews

## White Background



This preview shows how the YIQ color 162.9960, -29.7080, -12.2680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

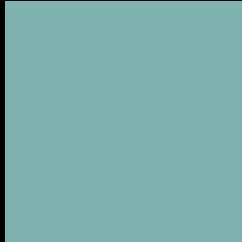
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 162.9960, -29.7080, -12.2680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

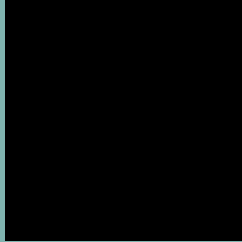
Any Text WCAG AA ✓ Pass

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 162.9960, -29.7080, -12.2680 Background



This preview shows how black text looks on a background with the YIQ color 162.9960, -29.7080, -12.2680.



This preview shows how white text looks on a background with the YIQ color 162.9960, -29.7080, -12.2680.

-12.2680.

# 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

162.9960, -29.7080, -12.2680

### Protanopia

169.3100, 2.0630, 1.1590

### Deuteranopia

170.6790, 5.6380, 7.9580



## Tritanopia

164.8420, -31.9100, -5.3980

# Trichromacy



## Original Color

162.9960, -29.7080, -12.2680

## Protanomaly

167.1020, -9.2150, -3.7030

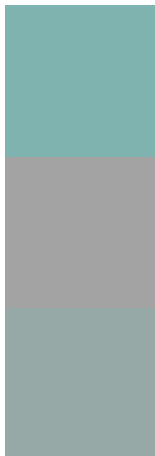
## Deuteranomaly

167.5200, -7.3360, 0.7920

## Tritanomaly

164.4460, -30.8550, -7.9990

# Monochromacy



## Original Color

162.9960, -29.7080, -12.2680

## Achromatopsia

163.0000, -0.0000, -0.0000

## Achromatomaly

163.0910, -10.6820, -4.6500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 162.9960, -29.7080, -12.2680 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(127, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 175)  
}
```

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(127, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 175) }
```

## Border

The CSS property to change the border of an element to YIQ 162.9960, -29.7080, -12.2680 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(127, 179, 175) }
```



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

```
.border{ border-color:rgb(127, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
175) }
```

# Background

The CSS property to change the background color of an element to YIQ 162.9960, -29.7080, -12.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 175) }
```

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

```
.background{ background-color: rgb(127,  
179, 175) }
```

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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