

Converting Colors

YIQ(169.7370, -44.9760,
-10.8960)

Have a look what the booklet for
YIQ(169.7370, -44.9760, -10.8960)
contains.

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Color

**YIQ(169.7370, -44.9760,
-10.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	78BDC9
RGB	120, 189, 201
RGB Percent	47%, 74%, 79%
CMY	0.5296, 0.2587, 0.2119
CMYK	0.40, 0.06, 0.00, 0.21
HSL	189°, 43%, 63%
HSV	189°, 40%, 79%
XYZ	36.4810, 44.6127, 61.9172
YIQ	169.7370, -44.9760, -10.8960

Conversions

Conversions Part 2

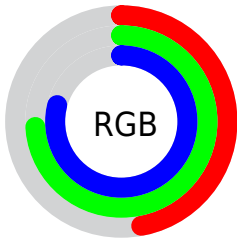
Format	Color
RYB	120, 157, 201
Decimal	7912905
CIELab	72.64, -18.68, -12.88
CIELCh	73, 22.691, 214.571
Yxy	44.6127, 0.2551, 0.3120
Android (android.graphics.Color)	4286102985 (0xFF78BDC9)
YUV	169.7370, 15.4127, -43.6193
Hunter-Lab	66.7927, -19.3937, -8.2072

Details

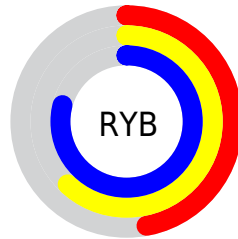
The YIQ color **169.7370, -44.9760, -10.8960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **151.2630, 44.9760, 10.8960**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5090, -44.3340, -11.5180**, and **116.0250, -45.8470, -11.6310** is the 20% darker color. If you saturate the color by 10%, you get **161.9960, -56.0710, -13.5670**, and if you desaturate by 10%, it is **177.4780, -33.8810, -8.2250**.

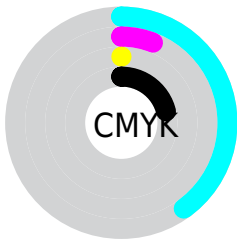
Distribution



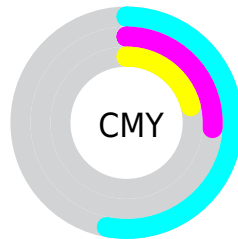
- Red (47%)
- Green (74%)
- Blue (79%)



- Red (47%)
- Yellow (62%)
- Blue (79%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.7370, -44.9760, -10.8960 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 169.7370, -44.9760, -10.8960 by changing the saturation by 10% instead.

■ 169.7370,
-44.9760, -10.8960

■ 169.7370,
-44.9760, -10.8960

■ 255.0000, -0.0000,
-0.0000

■ 142.7370,
-44.9760, -10.8960

■ 225.5090,
-44.3340, -11.5180

■ 116.0250,
-45.8470, -11.6310

■ 239.7510,
-30.3960, -10.8120

■ 88.8290, -48.2310,
-12.4790

■ 248.4220,
-13.1120, -4.6640

■ 61.4260, -54.4660,
-15.1220

■ 44.7160, -40.4830,
-9.7230

■ 29.1800, -27.0500,
-5.3700

■ 13.8720, -14.2590,

-0.3950

■ 0.0000, 0.0000,
0.0000

■ 169.7370,
-44.9760, -10.8960

■ 169.7370,
-44.9760, -10.8960

■ 161.9960,
-56.0710, -13.5670

■ 177.4780,
-33.8810, -8.2250

■ 154.2550,
-67.1660, -16.2380

■ 185.2190,
-22.7860, -5.5540

■ 146.5140,
-78.2610, -18.9090

■ 192.9600,
-11.6910, -2.8830

■ 138.7730,
-89.3560, -21.5800

■ 200.7010, -0.5960,
-0.2120

■ 130.7330,
-101.0470, -24.4630

■ 208.4420, 10.4990,
2.4590

■ 123.2910,
-111.5460, -26.9220

■ 216.4820, 22.1900,
5.3420

■ 222.4290, 29.7090,
6.7410

■ 224.1900, 28.8840,
5.1720

■ 225.9510, 28.0590,
3.6030

Harmonies

Analogous

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



169.8380, -35.2550, -16.3670



169.7370, -44.9760, -10.8960



172.5730, -41.2180, -1.9060

Triad

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



169.7370, -44.9760, -10.8960



181.9780, 15.4020, 18.2340



177.2130, 20.9090, -9.9950

Complementary

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



169.7370, -44.9760, -10.8960



151.2630, 44.9760, 10.8960

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.



178.9420, 32.2780, -1.2740



169.7370, -44.9760, -10.8960



181.5250, 29.7990, 16.1270

Square

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



169.7370, -44.9760, -10.8960



180.7460, -4.4960, 15.4080



180.4190, 35.6690, 8.8610



174.6560, 3.3040, -15.8320

Rectangle

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



169.7370, -44.9760, -10.8960



175.7640, -31.2700, 5.0340



180.4190, 35.6690, 8.8610



178.1320, 25.6310, -7.4650

Sweetspot

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



169.7370, -44.9760, -10.8960



242.7960, -17.1010, -3.9570



168.8010, -25.8060, -38.9420



120.8570, -9.9030, -2.2470



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.



169.7370, -44.9760, -10.8960



207.9560, -67.7620, -16.4500



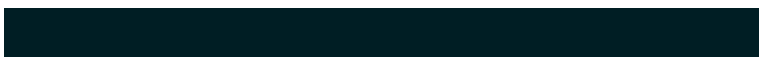
146.8440, -34.2510, 9.5010



95.7220, -5.0890, -1.3850



100.1750, -90.5480, -22.0040



21.7140, -19.8060, -4.4940

Inverse Universe

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



152.0850, 26.1270, 38.6310



181.3340, 39.3280, 58.2080



174.1560, 34.2510, -9.5010



93.6030, 2.7960, 4.3960



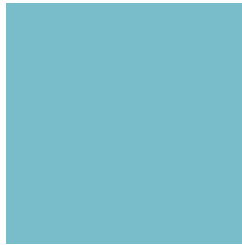
64.5830, 52.5290, 77.7850



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 169.7370, -44.9760, -10.8960 looks on a white background.

Color Contrast Check

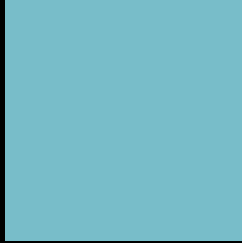
Large Text (above 18pt) WCAG AA × Fail

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 169.7370, -44.9760, -10.8960 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 169.7370, -44.9760, -10.8960 Background



This preview shows how black text looks on a background with the YIQ color 169.7370, -44.9760, -10.8960.



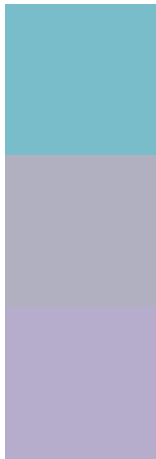
This preview shows how white text looks on a background with the YIQ color 169.7370, -44.9760, -10.8960.

-10.8960.

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

169.7370, -44.9760, -10.8960

Protanopia

177.9380, -5.4570, 5.2870

Deuteranopia

179.2250, -4.5870, 11.5490



Tritanopia

170.3780, -45.3430, -9.7510

Trichromacy



Original Color

169.7370, -44.9760, -10.8960

Protanomaly

175.2350, -19.7150, -0.6350

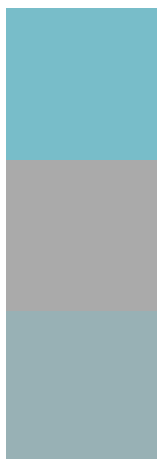
Deuteranomaly

175.7560, -19.6240, 3.2240

Tritanomaly

170.2640, -45.0220, -10.0620

Monochromacy



Original Color

169.7370, -44.9760, -10.8960

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9810, -16.1840, -4.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.7370, -44.9760, -10.8960 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(120, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(120, 189, 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(120, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 189, 201) }
```

Border

The CSS property to change the border of an element to YIQ 169.7370, -44.9760, -10.8960 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(120, 189, 201) }
```


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

```
.border{ border-color:rgb(120, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(120, 189,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 169.7370, -44.9760, -10.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 189, 201) }
```

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

```
.background{ background-color: rgb(120,  
189, 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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