

Converting Colors

YIQ(155.2970, -130.0190,
-50.0750)

Have a look what the booklet for
YIQ(155.2970, -130.0190, -50.0750)
contains.

YIQ(155.2970, -130.0190, -50.0750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(155.2970, -130.0190,
-50.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFD6
RGB	0, 223, 214
RGB Percent	0%, 87%, 84%
CMY	0.9998, 0.1251, 0.1613
CMYK	1.00, 0.00, 0.04, 0.13
HSL	178°, 100%, 44%
HSV	178°, 100%, 87%
XYZ	38.5337, 57.6739, 72.6327
YIQ	155.2970, -130.0190, -50.0750

Conversions

Conversions Part 2

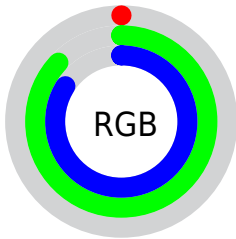
Format	Color
RYB	0, 114, 223
Decimal	57302
CIELab	80.56, -46.14, -8.27
CIELCh	81, 46.872, 190.167
Yxy	57.6739, 0.2282, 0.3416
Android (android.graphics.Color)	4278247382 (0xFF00DFD6)
YUV	155.2970, 28.9406, -136.1955
Hunter-Lab	75.9433, -42.3296, -3.5450

Details

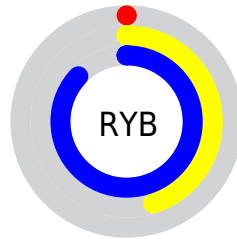
The YIQ color **155.2970, -130.0190, -50.0750** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **67.7030, 130.0190, 50.0750**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9440, -85.8240, -30.5280**, and **116.1550, -96.9640, -37.8920** is the 20% darker color. If you saturate the color by 10%, you get **155.2970, -130.0190, -50.0750**, and if you desaturate by 10%, it is **161.9890, -117.2280, -45.1000**.

Distribution



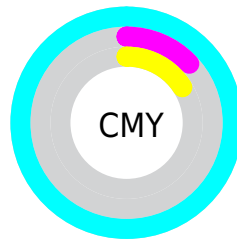
- Red (0%)
- Green (87%)
- Blue (84%)



- Red (0%)
- Yellow (45%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2970, -130.0190, -50.0750 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 155.2970, -130.0190, -50.0750 by changing the saturation by 10% instead.

■ 155.2970,
-130.0190, -50.0750

■ 155.2970,
-130.0190, -50.0750

■ 255.0000, -0.0000,
-0.0000

■ 135.6690,
-113.3310, -44.1390

■ 211.9440,
-85.8240, -30.5280

■ 116.1550,
-96.9640, -37.8920

■ 222.1100,
-65.5600, -23.3200

■ 97.3420, -81.1930,
-31.8570

■ 231.9770,
-45.8920, -16.3240

■ 79.2300, -66.0180,
-26.0340

■ 241.5450,
-26.8200, -9.5400

■ 61.2320, -51.1640,
-19.9000

■ 250.8140, -8.3440,
-2.9680

■ 44.5220, -37.1810,
-14.5010

■ 29.1000, -24.0690,

-9.8370

■ 5.1010, -7.4740,
3.2940

■ 0.0000, 0.0000,
0.0000

■ 155.2970,
-130.0190, -50.0750

■ 161.9890,
-117.2280, -45.1000

■ 168.9800,
-103.8410, -39.9130

■ 175.6720,
-91.0500, -34.9380

■ 182.3640,
-78.2590, -29.9630

■ 189.2410,
-64.5510, -25.0870

■ 195.9330,
-51.7600, -20.1120

■ 202.6250,
-38.9690, -15.1370

■ 209.6160,
-25.5820, -9.9500

■ 216.3080,
-12.7910, -4.9750

Harmonies

Analogous

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



181.2850, -50.6560, -40.1280



155.2970, -130.0190, -50.0750



158.7970, -142.6300, -36.2780

Triad

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



155.2970, -130.0190, -50.0750



203.4670, 1.3240, 31.0840



198.5690, 60.8890, -7.6790

Complementary

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



155.2970, -130.0190, -50.0750



67.7030, 130.0190, 50.0750

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.



194.4400, 57.5390, 8.9870



155.2970, -130.0190, -50.0750



201.7820, 31.3540, 37.5140

Square

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



155.2970, -130.0190, -50.0750



193.4240, -41.8160, 8.9360



194.3040, 46.8990, 25.6110



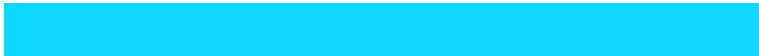
195.0290, 35.4460, -25.6580

Rectangle

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



155.2970, -130.0190, -50.0750



160.0480, -132.9110, -30.6950



194.3040, 46.8990, 25.6110



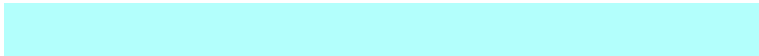
197.3290, 61.8050, -2.2510

Sweetspot

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



155.2970, -130.0190, -50.0750



231.9340, -44.3330, -17.0450



134.1900, -54.7690, -114.2970



114.0180, -26.7740, -10.3740



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.



155.2970, -130.0190, -50.0750



177.5010, -148.4490, -57.4810



97.6230, -105.4080, 5.0240



108.7110, -6.5560, -2.3320



122.5780, -102.6490, -39.4890



33.4200, -27.9660, -10.7980

Inverse Universe

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



67.7030, 130.0190, 50.0750



77.4990, 148.4490, 57.4810



125.3770, 105.4080, -5.0240



104.2890, 6.5560, 2.3320



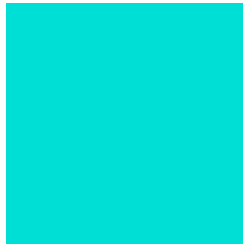
53.4220, 102.6490, 39.4890



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 155.2970, -130.0190, -50.0750 looks on a white background.

Color Contrast Check

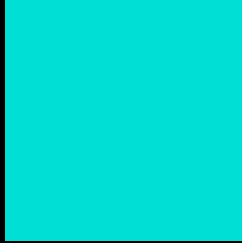
Large Text (above 18pt) WCAG AA × Fail

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 155.2970, -130.0190, -50.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

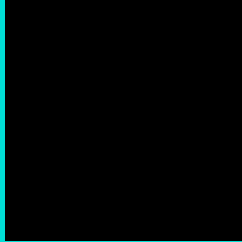
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

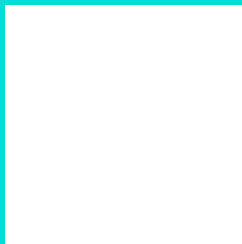
Any Text WCAG AAA ✓ Pass

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

YIQ 155.2970, -130.0190, -50.0750 Background



This preview shows how black text looks on a background with the YIQ color 155.2970, -130.0190, -50.0750.

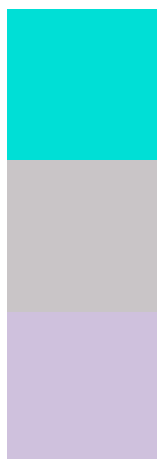


This preview shows how white text looks on a background with the YIQ color 155.2970, -130.0190, -50.0750.

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

155.2970, -130.0190, -50.0750

Protanopia

198.4240, 1.7420, 1.4700

Deuteranopia

200.3780, -0.6440, 11.6760



Tritanopia

170.5100, -107.9690, -31.1770

Trichromacy



Original Color

155.2970, -130.0190, -50.0750



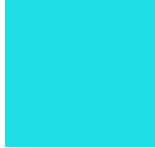
Protanomaly

182.4500, -45.8460, -17.1580



Deuteranomaly

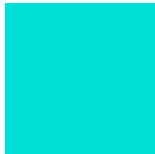
184.0680, -47.4060, -10.9100



Tritanomaly

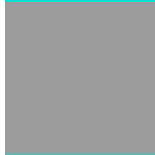
165.1020, -115.8080, -37.7920

Monochromacy



Original Color

155.2970, -130.0190, -50.0750



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.3250, -46.9920, -18.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2970, -130.0190, -50.0750 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(0, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 214)  
}
```

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(0, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 214) }
```

Border

The CSS property to change the border of an element to YIQ 155.2970, -130.0190, -50.0750 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(0, 223, 214) }
```


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

```
.border{ border-color:rgb(0, 223, 214) }
```

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

Here you see how a box with a 4 pixel rgb(0, 223, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2970, -130.0190, -50.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 214) }
```

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

```
.background{ background-color: rgb(0, 223,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor