

Converting Colors

YIQ(167.9370, -66.7510,
-29.2710)

Have a look what the booklet for
YIQ(167.9370, -66.7510, -29.2710)
contains.

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Color

**YIQ(167.9370, -66.7510,
-29.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	56CDC0
RGB	86, 205, 192
RGB Percent	34%, 80%, 75%
CMY	0.6630, 0.1959, 0.2473
CMYK	0.58, 0.00, 0.06, 0.20
HSL	173°, 54%, 57%
HSV	173°, 58%, 80%
XYZ	35.1814, 49.4644, 57.5247
YIQ	167.9370, -66.7510, -29.2710

Conversions

Conversions Part 2

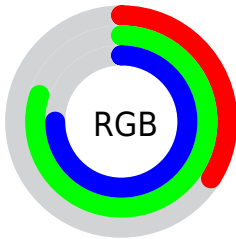
Format	Color
R _Y B	86, 149, 205
Decimal	5688768
CIE Lab	75.74, -36.43, -3.51
CIE LCh	76, 36.596, 185.505
Yxy	49.4644, 0.2475, 0.3479
Android (android.graphics.Color)	4283878848 (0xFF56CDC0)
YUV	167.9370, 11.8631, -71.8587
Hunter-Lab	70.3309, -33.7886, 0.7374

Details

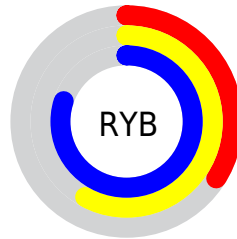
The YIQ color **167.9370, -66.7510, -29.2710** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **123.0630, 66.7510, 29.2710**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.6110, -62.7170, -25.2850**, and **103.8960, -85.8690, -35.2210** is the 20% darker color. If you saturate the color by 10%, you get **161.4300, -78.6250, -34.3450**, and if you desaturate by 10%, it is **174.1450, -55.4730, -24.4090**.

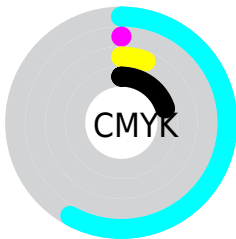
Distribution



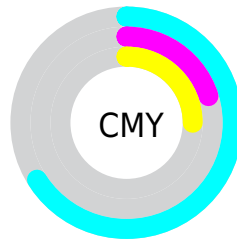
- Red (34%)
- Green (80%)
- Blue (75%)



- Red (34%)
- Yellow (58%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (66%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.9370, -66.7510, -29.2710 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 167.9370, -66.7510, -29.2710 by changing the saturation by 10% instead.

■ 167.9370,
-66.7510, -29.2710

■ 167.9370,
-66.7510, -29.2710

■ 255.0000, -0.0000,
-0.0000

■ 138.2570,
-70.6480, -30.2320

■ 221.6110,
-62.7170, -25.2850

■ 103.8960,
-85.8690, -35.2210

■ 231.3790,
-47.0840, -16.7480

■ 85.6700, -70.3730,
-29.7090

■ 240.0500,
-29.8000, -10.6000

■ 67.6720, -55.5190,
-23.5750

■ 249.0200,
-11.9200, -4.2400

■ 50.8480, -41.2150,
-18.4870

■ 34.2520, -27.5530,
-12.7770

■ 19.6450, -15.3580,

-8.0140

■ 0.0000, 0.0000,
0.0000

■ 167.9370,
-66.7510, -29.2710

■ 167.9370,
-66.7510, -29.2710

■ 161.4300,
-78.6250, -34.3450

■ 174.1450,
-55.4730, -24.4090

■ 155.1080,
-89.5820, -39.5180

■ 180.6520,
-43.5990, -19.3350

■ 148.6010,
-101.4560, -44.5920

■ 186.9740,
-32.6420, -14.1620

■ 142.3930,
-112.7340, -49.4540

■ 193.4810,
-20.7680, -9.0880

■ 141.0830,
-114.7970, -50.6130

■ 199.6890, -9.4900,
-4.2260

■ 206.1960, 2.3840,
0.8480

■ 212.5180, 13.3410,
6.0210

■ 219.0250, 25.2150,
11.0950

■ 220.7480, 27.5530,
12.7770

Harmonies

Analogous

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



175.1460, -30.8510, -30.1070



167.9370, -66.7510, -29.2710



164.2460, -89.3100, -22.4140

Triad

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



167.9370, -66.7510, -29.2710



190.4010, -7.4780, 25.4020



186.7560, 50.2970, -2.9430

Complementary

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



167.9370, -66.7510, -29.2710



123.0630, 66.7510, 29.2710

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.



188.5910, 55.7960, 13.0440



167.9370, -66.7510, -29.2710



191.6300, 25.6700, 30.3900

Square

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



167.9370, -66.7510, -29.2710



184.0480, -43.5130, 12.1590



190.6030, 47.4950, 25.8230



184.3310, 31.9600, -17.5440

Rectangle

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



167.9370, -66.7510, -29.2710



169.0930, -84.0850, -12.4770



190.6030, 47.4950, 25.8230



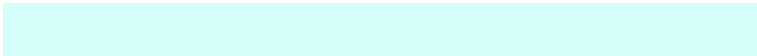
187.1850, 53.6430, 2.4990

Sweetspot

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



167.9370, -66.7510, -29.2710



241.5730, -24.0230, -10.6710



160.0390, -24.3810, -59.2690



119.8840, -14.5330, -6.4450



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.



167.9370, -66.7510, -29.2710



199.4980, -99.6680, -43.9560



142.4170, -58.2740, -1.1700



98.8960, -5.6390, -2.4310



114.2000, -92.8370, -41.1010



26.1820, -21.3640, -9.3000

Inverse Universe

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



123.0630, 66.7510, 29.2710



132.3880, 99.9890, 43.6450



148.5830, 58.2740, 1.1700



95.1040, 5.6390, 2.4310



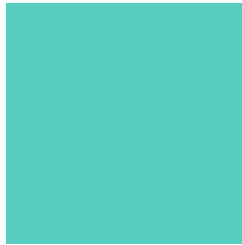
51.6860, 93.1580, 40.7900



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 167.9370, -66.7510, -29.2710 looks on a white background.

Color Contrast Check

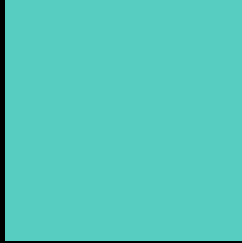
Large Text (above 18pt) WCAG AA × Fail

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 167.9370, -66.7510, -29.2710 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

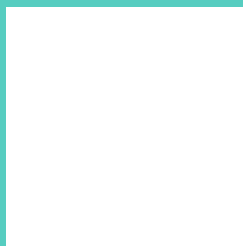
Any Text WCAG AAA ✓ Pass

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

YIQ 167.9370, -66.7510, -29.2710 Background



This preview shows how black text looks on a background with the YIQ color 167.9370, -66.7510, -29.2710.



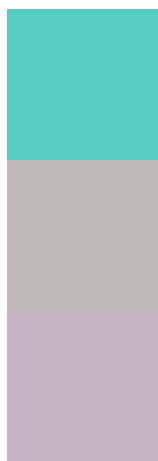
This preview shows how white text looks on a background with the YIQ color 167.9370, -66.7510, -29.2710.

-29.2710.

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

167.9370, -66.7510, -29.2710

Protanopia

185.9250, 4.5850, -0.4950

Deuteranopia

187.3200, 5.2710, 9.1030



Tritanopia

171.5430, -68.0370, -16.9730

Trichromacy



Original Color

167.9370, -66.7510, -29.2710



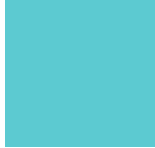
Protanomaly

179.1280, -21.2720, -10.9680



Deuteranomaly

180.1160, -20.9980, -4.9180



Tritanomaly

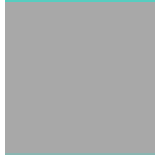
169.9080, -67.8070, -21.1430

Monochromacy



Original Color

167.9370, -66.7510, -29.2710



Achromatopsia

168.0000, -0.0000, -0.0000



Achromatomaly

167.6870, -24.3440, -10.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.9370, -66.7510, -29.2710 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(86, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(86, 205, 192)  
}
```

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(86, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 205, 192) }
```

Border

The CSS property to change the border of an element to YIQ 167.9370, -66.7510, -29.2710 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(86, 205, 192) }
```


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

```
.border{ border-color:rgb(86, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(86, 205,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 167.9370, -66.7510, -29.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 205, 192) }
```

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

```
.background{ background-color: rgb(86, 205,  
192) }
```

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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