

Converting Colors

YIQ(171.5810, -106.7310,
-31.5870)

Have a look what the booklet for
YIQ(171.5810, -106.7310, -31.5870)
contains.

YIQ(171.5810, -106.7310, -31.5870)	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(171.5810, -106.7310,
-31.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	32DDEC
RGB	50, 221, 236
RGB Percent	20%, 87%, 93%
CMY	0.8043, 0.1330, 0.0749
CMYK	0.79, 0.06, 0.00, 0.07
HSL	185°, 83%, 56%
HSV	185°, 79%, 93%
XYZ	42.3100, 58.4761, 88.3294
YIQ	171.5810, -106.7310, -31.5870

Conversions

Conversions Part 2

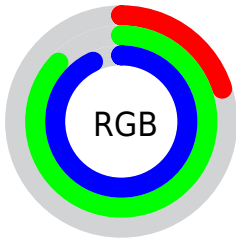
Format	Color
RYB	50, 139, 236
Decimal	3333612
CIELab	81.00, -36.34, -19.28
CIELCh	81, 41.141, 207.949
Yxy	58.4761, 0.2237, 0.3092
Android (android.graphics.Color)	4281523692 (0xFF32DDEC)
YUV	171.5810, 31.7586, -106.6265
Hunter-Lab	76.4697, -35.0593, -14.9566

Details

The YIQ color **171.5810, -106.7310, -31.5870** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **114.4190, 106.7310, 31.5870**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.0270, -75.6920, -26.9240**, and **117.3750, -103.1550, -30.3150** is the 20% darker color. If you saturate the color by 10%, you get **163.2310, -120.4850, -35.6290**, and if you desaturate by 10%, it is **179.9310, -92.9770, -27.5450**.

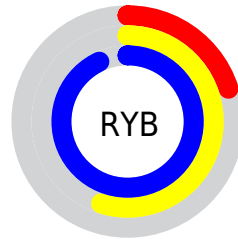
Distribution



Red (20%)

Green (87%)

Blue (93%)



Red (20%)

Yellow (55%)

Blue (93%)

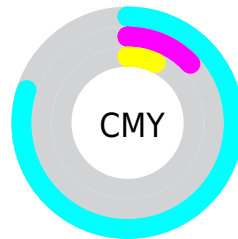


Cyan (79%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (80%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.5810, -106.7310, -31.5870 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 171.5810, -106.7310, -31.5870 by changing the saturation by 10% instead.

171.5810,
-106.7310, -31.5870

171.5810,
-106.7310, -31.5870

255.0000, -0.0000,
-0.0000

137.0030,
-119.8430, -36.2510

217.0270,
-75.6920, -26.9240

117.3750,
-103.1550, -30.3150

226.8940,
-56.0240, -19.9280

99.0350, -87.3380,
-25.1140

236.1630,
-37.5480, -13.3560

80.8090, -71.8420,
-19.6020

245.7310,
-18.4760, -6.5720

63.2840, -56.9420,
-14.3020

45.8730, -42.3630,
-8.6910

30.3370, -28.9300,

-4.3380

■ 9.1590, -13.3890,
5.8670

■ 1.0260, -2.8890,
2.7990

■ 171.5810,
-106.7310, -31.5870

■ 171.5810,
-106.7310, -31.5870

■ 163.2310,
-120.4850, -35.6290

■ 179.9310,
-92.9770, -27.5450

■ 155.1800,
-133.6430, -39.4590

■ 187.9820,
-79.8190, -23.7150

■ 154.2830,
-135.4310, -40.0950

■ 196.3320,
-66.0650, -19.6730

■ 204.3830,
-52.9070, -15.8430

■ 212.1460,
-38.8780, -11.2780

■ 220.1970,
-25.7200, -7.4480

■ 228.5470,
-11.9660, -3.4060

■ 236.8970, 1.7880,
0.6360

■ 242.8550, 10.7740,
2.9820

Harmonies

Analogous

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



180.8780, -68.2630, -34.9110



171.5810, -106.7310, -31.5870



178.8850, -95.3630, -17.3390

Triad

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



171.5810, -106.7310, -31.5870



206.6280, 19.9840, 34.3200



198.8330, 42.2300, -16.4420

Complementary

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



171.5810, -106.7310, -31.5870



114.4190, 106.7310, 31.5870

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.



200.4580, 57.1280, -0.0880



171.5810, -106.7310, -31.5870



200.5790, 38.8750, 27.8590

Square

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



171.5810, -106.7310, -31.5870



202.1720, -14.2630, 21.7130



197.4210, 50.5230, 14.9950



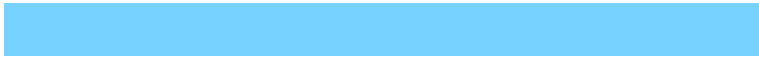
195.1280, 13.1180, -28.4980

Rectangle

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



171.5810, -106.7310, -31.5870



188.2200, -68.0850, -5.0850



197.4210, 50.5230, 14.9950



199.7140, 50.1150, -10.6610

Sweetspot

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



171.5810, -106.7310, -31.5870



233.8260, -34.9810, -10.3170



160.5500, -55.0020, -93.5460



115.1760, -21.2270, -6.2750



0.0000, 0.0000, 0.0000



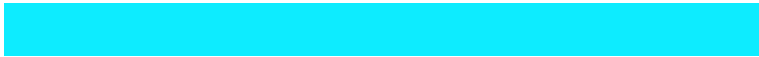
128.0000, -0.0000, -0.0000

Same Dimension

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



171.5810, -106.7310, -31.5870



171.4890, -139.0070, -41.3670



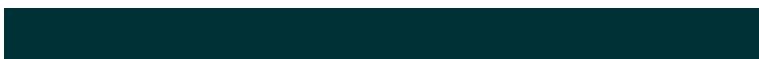
118.7510, -81.9810, 15.4830



113.1240, -6.2810, -1.8090



118.6630, -104.0260, -31.0500



34.9190, -30.8090, -8.8330

Inverse Universe

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



125.1080, 55.9650, 92.6130



110.7800, 72.6490, 120.6570



167.2490, 81.9810, -15.4830



110.4290, 3.3460, 5.4420



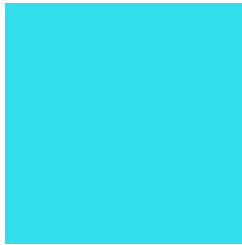
73.1570, 54.2690, 90.3090



21.7320, 16.4550, 26.6870

Previews

White Background



This preview shows how the YIQ color 171.5810, -106.7310, -31.5870 looks on a white background.

Color Contrast Check

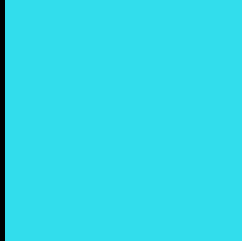
Large Text (above 18pt) WCAG AA × Fail

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 171.5810, -106.7310, -31.5870 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 171.5810, -106.7310, -31.5870 Background



This preview shows how black text looks on a background with the YIQ color 171.5810, -106.7310, -31.5870.



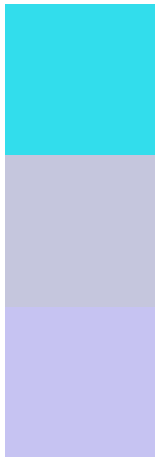
This preview shows how white text looks on a background with the YIQ color 171.5810, -106.7310, -31.5870.

-31.5870.

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

171.5810, -106.7310, -31.5870

Protanopia

200.3230, -7.9790, 6.9410

Deuteranopia

201.2550, -13.2990, 15.2530



Tritanopia

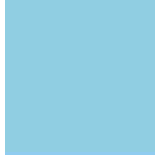
172.5210, -106.5020, -30.2300

Trichromacy



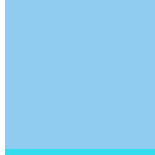
Original Color

171.5810, -106.7310, -31.5870



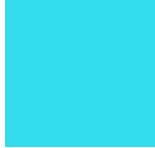
Protanomaly

189.7420, -43.3720, -6.9240



Deuteranomaly

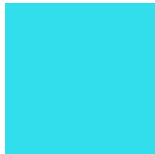
190.1640, -47.3160, -1.5240



Tritanomaly

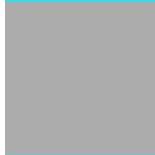
172.1080, -106.7770, -30.7530

Monochromacy



Original Color

171.5810, -106.7310, -31.5870



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.0320, -38.5570, -11.5890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.5810, -106.7310, -31.5870 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(50, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(50, 221, 236)  
}
```

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(50, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 221, 236) }
```

Border

The CSS property to change the border of an element to YIQ 171.5810, -106.7310, -31.5870 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(50, 221, 236) }
```


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

```
.border{ border-color:rgb(50, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(50, 221,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 171.5810, -106.7310, -31.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 221, 236) }
```

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

```
.background{ background-color: rgb(50, 221,  
236) }
```

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