

Converting Colors

YIQ(148.9660, -135.6160,
-31.2320)

Have a look what the booklet for
YIQ(148.9660, -135.6160, -31.2320)
contains.

YIQ(148.9660, -135.6160, -31.2320)	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(148.9660, -135.6160,
-31.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	00CEF6
RGB	0, 206, 246
RGB Percent	0%, 81%, 96%
CMY	0.9997, 0.1918, 0.0359
CMYK	1.00, 0.16, 0.00, 0.04
HSL	190°, 100%, 48%
HSV	190°, 100%, 96%
XYZ	38.7045, 50.8293, 94.8431
YIQ	148.9660, -135.6160, -31.2320

Conversions

Conversions Part 2

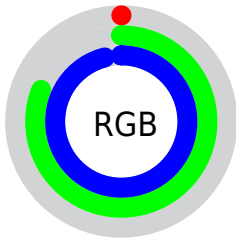
Format	Color
RYB	0, 112, 246
Decimal	52982
CIELab	76.58, -28.43, -31.39
CIELCh	77, 42.351, 227.837
Yxy	50.8293, 0.2099, 0.2757
Android (android.graphics.Color)	4278243062 (0xFF00CEF6)
YUV	148.9660, 47.8378, -130.6432
Hunter-Lab	71.2947, -27.8615, -28.9671

Details

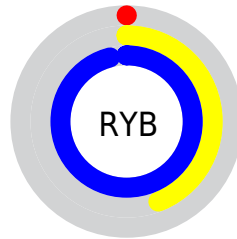
The YIQ color **148.9660, -135.6160, -31.2320** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **97.0340, 135.6160, 31.2320**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.5420, -84.6320, -30.1040**, and **110.2970, -102.5150, -19.8830** is the 20% darker color. If you saturate the color by 10%, you get **148.9660, -135.6160, -31.2320**, and if you desaturate by 10%, it is **158.7890, -121.8160, -28.0240**.

Distribution



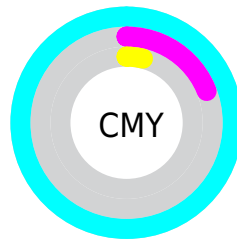
- Red (0%)
- Green (81%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9660, -135.6160, -31.2320 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 148.9660, -135.6160, -31.2320 by changing the saturation by 10% instead.

■ 148.9660,
-135.6160, -31.2320

■ 148.9660,
-135.6160, -31.2320

■ 255.0000, -0.0000,
-0.0000

■ 129.2240,
-118.6070, -25.6070

■ 212.5420,
-84.6320, -30.1040

■ 110.1830,
-102.1940, -20.1940

■ 223.0070,
-63.7720, -22.6840

■ 91.8430, -86.3770,
-14.9930

■ 232.5750,
-44.7000, -15.9000

■ 74.2040, -71.1560,
-10.0040

■ 242.1430,
-25.6280, -9.1160

■ 57.1520, -56.2100,
-5.5380

■ 251.7110, -6.5560,
-2.3320

■ 40.9150, -42.1810,
-0.9730

■ 27.0260, -29.2520,

1.5000

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 148.9660,
-135.6160, -31.2320

■ 158.7890,
-121.8160, -28.0240

■ 168.3130,
-108.6120, -25.0280

■ 178.1360,
-94.8120, -21.8200

■ 187.6600,
-81.6080, -18.8240

■ 197.4830,
-67.8080, -15.6160

■ 207.3060,
-54.0080, -12.4080

■ 216.8300,
-40.8040, -9.4120

■ 226.6530,
-27.0040, -6.2040

■ 236.1770,
-13.8000, -3.2080

Harmonies

Analogous

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



153.4180, -113.8820, -39.6580



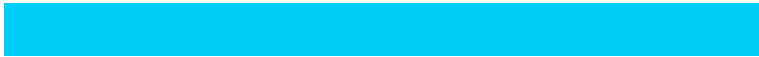
148.9660, -135.6160, -31.2320



175.4950, -76.1090, -2.8370

Triad

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



148.9660, -135.6160, -31.2320



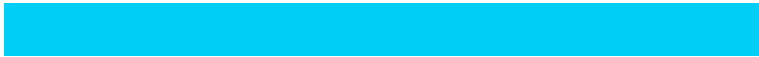
193.7630, 41.5330, 34.7570



183.8690, 24.2130, -25.8270

Complementary

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



148.9660, -135.6160, -31.2320



97.0340, 135.6160, 31.2320

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.



187.1870, 50.1610, -11.4950



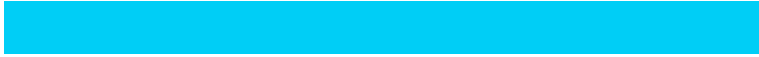
148.9660, -135.6160, -31.2320



188.6160, 54.6480, 22.8400

Square

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



148.9660, -135.6160, -31.2320



193.7560, 7.8800, 33.4160



190.0230, 63.0870, 7.5590



178.5040, -11.5480, -33.0200

Rectangle

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



148.9660, -135.6160, -31.2320



184.2650, -45.6220, 11.8340



190.0230, 63.0870, 7.5590



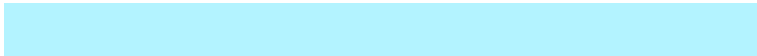
185.0660, 34.0240, -21.9120

Sweetspot

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



148.9660, -135.6160, -31.2320



225.2320, -41.9960, -9.8360



148.6200, -79.5270, -117.1510



109.5500, -25.2160, -5.5680



0.0000, 0.0000, 0.0000



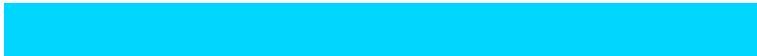
128.0000, -0.0000, -0.0000

Same Dimension

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



148.9660, -135.6160, -31.2320



154.6880, -140.7050, -32.6170



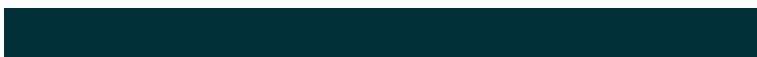
78.5260, -102.6160, 31.5280



117.2380, -6.6020, -1.4980



112.7760, -102.6060, -23.7420



35.4890, -32.4140, -7.2780

Inverse Universe

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



97.0380, 80.4900, 116.2180



100.6410, 83.2860, 120.6140



167.4740, 102.6160, -31.5280



114.7280, 3.9420, 5.6540



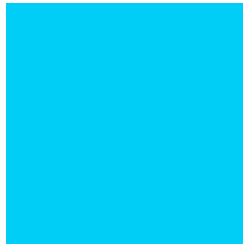
73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 148.9660, -135.6160, -31.2320 looks on a white background.

Color Contrast Check

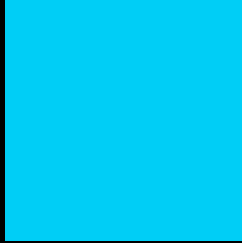
Large Text (above 18pt) WCAG AA × Fail

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 148.9660, -135.6160, -31.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

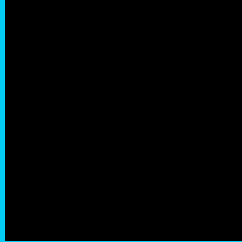
Any Text WCAG AA ✓ Pass

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 148.9660, -135.6160, -31.2320 Background



This preview shows how black text looks on a background with the YIQ color 148.9660, -135.6160, -31.2320.

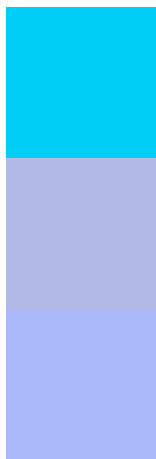


This preview shows how white text looks on a background with the YIQ color 148.9660, -135.6160, -31.2320.

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

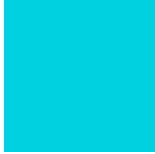
148.9660, -135.6160, -31.2320

Protanopia

188.4390, -19.8090, 12.0870

Deuteranopia

188.3380, -29.5300, 17.5580



Tritanopia

148.3330, -129.7000, -39.3320

Trichromacy



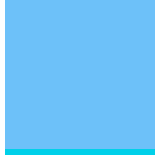
Original Color

148.9660, -135.6160, -31.2320



Protanomaly

173.9820, -61.4830, -3.5870



Deuteranomaly

174.2680, -68.0400, -0.3920



Tritanomaly

148.6580, -131.9930, -36.3210

Monochromacy



Original Color

148.9660, -135.6160, -31.2320



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.1710, -49.1940, -11.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9660, -135.6160, -31.2320 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, 206, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 246)  
}
```

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, 206, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 246) }
```

Border

The CSS property to change the border of an element to YIQ 148.9660, -135.6160, -31.2320 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, 206, 246) }
```


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

```
.border{ border-color:rgb(0, 206, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9660, -135.6160, -31.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 246) }
```

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

```
.background{ background-color: rgb(0, 206,  
246) }
```

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