

Converting Colors

YIQ(151.4650, -138.4590,
-29.2670)

Have a look what the booklet for
YIQ(151.4650, -138.4590, -29.2670)
contains.

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Color

**YIQ(151.4650, -138.4590,
-29.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	01D0FF
RGB	1, 208, 255
RGB Percent	0%, 82%, 100%
CMY	0.9962, 0.1840, 0.0006
CMYK	1.00, 0.18, 0.00, 0.00
HSL	191°, 100%, 50%
HSV	191°, 100%, 100%
XYZ	40.6141, 52.3703, 102.4496
YIQ	151.4650, -138.4590, -29.2670

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 115, 255
Decimal	119039
CIE _{Lab}	77.50, -26.42, -34.77
CIE _{LCh}	78, 43.671, 232.769
Yxy	52.3703, 0.2078, 0.2680
Android (android.graphics.Color)	4278309119 (0xFF01D0FF)
YUV	151.4650, 51.0428, -131.9578
Hunter-Lab	72.3673, -26.4648, -33.2790

Details

The YIQ color **151.4650, -138.4590, -29.2670** 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 **104.5350, 138.4590, 29.2670**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, -83.4400, -29.6800**, and **112.3830, -105.6330, -18.4410** is the 20% darker color. If you saturate the color by 10%, you get **151.1660, -139.0550, -29.4790**, and if you desaturate by 10%, it is **161.8750, -124.9340, -26.5820**.

Distribution



- Red (0%)
- Green (82%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4650, -138.4590, -29.2670 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 151.4650, -138.4590, -29.2670 by changing the saturation by 10% instead.

■ 151.4650,
-138.4590, -29.2670

■ 151.4650,
-138.4590, -29.2670

■ 255.0000, -0.0000,
-0.0000

■ 131.4240,
-122.0460, -23.8540

■ 213.1400,
-83.4400, -29.6800

■ 112.3830,
-105.6330, -18.4410

■ 223.6050,
-62.5800, -22.2600

■ 94.0430, -89.8160,
-13.2400

■ 233.4720,
-42.9120, -15.2640

■ 76.2900, -74.2740,
-8.5620

■ 243.0400,
-23.8400, -8.4800

■ 59.2380, -59.3280,
-4.0960

■ 252.6080, -4.7680,
-1.6960

■ 42.8870, -44.9780,
0.1580

■ 28.4110, -31.7740,

3.1540

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,
7.2520

■ 151.4650,
-138.4590, -29.2670

■ 151.4650,
-138.4590, -29.2670

■ 151.1660,
-139.0550, -29.4790

■ 161.8750,
-124.9340, -26.5820

■ 171.9970,
-110.5380, -23.1620

■ 182.4070,
-97.0130, -20.4770

■ 193.1160,
-82.8920, -17.5800

■ 203.5260,
-69.3670, -14.8950

■ 213.6480,
-54.9710, -11.4750

■ 224.0580,
-41.4460, -8.7900

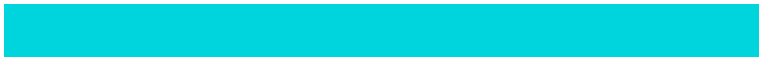
■ 234.7670,
-27.3250, -5.8930

■ 244.5900,
-13.5250, -2.6850

Harmonies

Analogous

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



150.2250, -129.5160, -42.6680



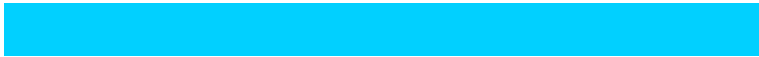
151.4650, -138.4590, -29.2670



178.7840, -69.5530, -0.5050

Triad

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



151.4650, -138.4590, -29.2670



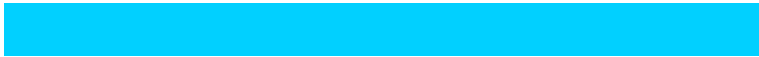
193.3070, 42.8170, 33.5130



185.5370, 19.2160, -28.8800

Complementary

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



151.4650, -138.4590, -29.2670



104.5350, 138.4590, 29.2670

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.



189.4100, 47.9150, -14.8450



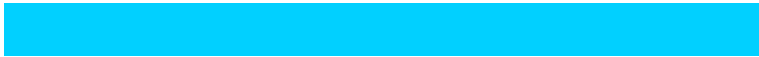
151.4650, -138.4590, -29.2670



189.2200, 55.7030, 20.2390

Square

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



151.4650, -138.4590, -29.2670



196.9310, 14.7570, 35.4370



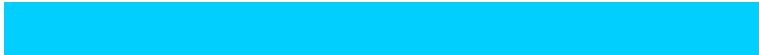
191.8010, 63.5920, 3.9120



179.7310, -19.6170, -35.4650

Rectangle

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



151.4650, -138.4590, -29.2670



188.4400, -38.7450, 13.8550



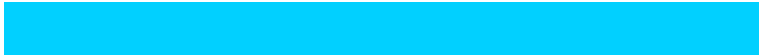
191.8010, 63.5920, 3.9120



187.2180, 30.5400, -24.8520

Sweetspot

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



151.4650, -138.4590, -29.2670



224.0580, -41.4460, -8.7900



155.4560, -84.9370, -118.2250



108.9630, -24.9410, -5.0450



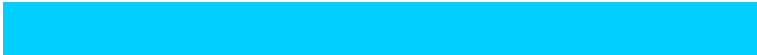
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



151.4650, -138.4590, -29.2670



151.1660, -139.0550, -29.4790



76.9160, -103.5340, 37.1540



122.3520, -6.9230, -1.1870



113.3460, -104.2110, -22.1870



37.8200, -34.8440, -7.2920

Inverse Universe

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



100.5440, 84.9370, 118.2250



99.9570, 85.2120, 118.7480



178.4970, 103.8090, -36.6310



120.0270, 4.5380, 5.8660



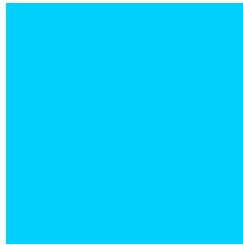
74.8930, 63.7600, 89.0080



25.0640, 21.4520, 29.7400

Previews

White Background



This preview shows how the YIQ color 151.4650, -138.4590, -29.2670 looks on a white background.

Color Contrast Check

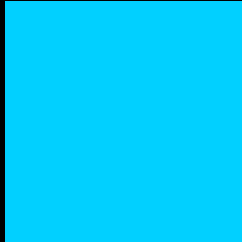
Large Text (above 18pt) WCAG AA × Fail

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 151.4650, -138.4590, -29.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

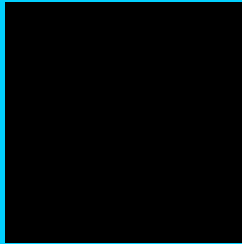
Any Text WCAG AA ✓ Pass

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 151.4650, -138.4590, -29.2670 Background



This preview shows how black text looks on a background with the YIQ color 151.4650, -138.4590, -29.2670.



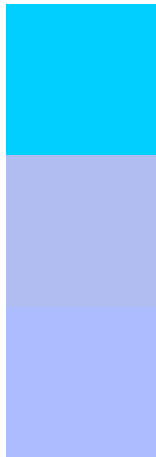
This preview shows how white text looks on a background with the YIQ color 151.4650, -138.4590, -29.2670.

-29.2670.

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

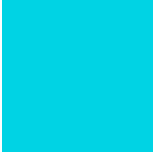
151.4650, -138.4590, -29.2670

Protanopia

190.6390, -23.2480, 13.8400

Deuteranopia

190.5550, -31.6390, 17.2330



Tritanopia

149.8490, -131.2130, -39.4450

Trichromacy



Original Color

151.4650, -138.4590, -29.2670

Protanomaly

176.1820, -64.9220, -1.8340

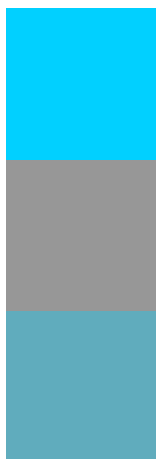
Deuteranomaly

176.1260, -70.5160, 0.4280

Tritanomaly

150.4020, -134.1480, -35.8120

Monochromacy



Original Color

151.4650, -138.4590, -29.2670

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2140, -50.7530, -10.8250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4650, -138.4590, -29.2670 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(1, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(1, 208, 255)  
}
```

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(1, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 208, 255) }
```

Border

The CSS property to change the border of an element to YIQ 151.4650, -138.4590, -29.2670 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(1, 208, 255) }
```


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

```
.border{ border-color:rgb(1, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(1, 208,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4650, -138.4590, -29.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 208, 255) }
```

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

```
.background{ background-color: rgb(1, 208,  
255) }
```

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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