

Converting Colors

YIQ(152.3400, -139.6050,
-30.5250)

Have a look what the booklet for
YIQ(152.3400, -139.6050, -30.5250)
contains.

YIQ(152.3400, -139.6050, -30.5250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YIQ(152.3400, -139.6050,
-30.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	00D2FF
RGB	0, 210, 255
RGB Percent	0%, 82%, 100%
CMY	0.9997, 0.1761, 0.0006
CMYK	1.00, 0.18, 0.00, 0.00
HSL	191°, 100%, 50%
HSV	191°, 100%, 100%
XYZ	41.0943, 53.3472, 102.6122
YIQ	152.3400, -139.6050, -30.5250

Conversions

Conversions Part 2

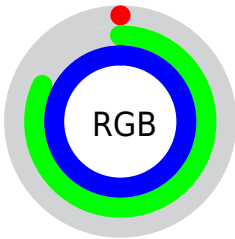
Format	Color
RYB	0, 115, 255
Decimal	54015
CIELab	78.08, -27.43, -33.88
CIELCh	78, 43.594, 230.999
Yxy	53.3472, 0.2085, 0.2707
Android (android.graphics.Color)	4278244095 (0xFF00D2FF)
YUV	152.3400, 50.6114, -133.6022
Hunter-Lab	73.0392, -27.3885, -32.1687

Details

The YIQ color **152.3400, -139.6050, -30.5250** 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 **102.6600, 139.6050, 30.5250**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.1400, -83.4400, -29.6800**, and **113.5570, -106.1830, -19.4870** is the 20% darker color. If you saturate the color by 10%, you get **152.3400, -139.6050, -30.5250**, and if you desaturate by 10%, it is **163.0490, -125.4840, -27.6280**.

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 152.3400, -139.6050, -30.5250 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 152.3400, -139.6050, -30.5250 by changing the saturation by 10% instead.

152.3400,
-139.6050, -30.5250

152.3400,
-139.6050, -30.5250

255.0000, -0.0000,
-0.0000

132.5980,
-122.5960, -24.9000

213.1400,
-83.4400, -29.6800

113.5570,
-106.1830, -19.4870

223.6050,
-62.5800, -22.2600

95.2170, -90.3660,
-14.2860

233.4720,
-42.9120, -15.2640

77.4640, -74.8240,
-9.6080

243.0400,
-23.8400, -8.4800

59.8250, -59.6030,
-4.6190

252.6080, -4.7680,
-1.6960

43.4740, -45.2530,
-0.3650

28.9980, -32.0490,

2.6310

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,
7.2520

■ 152.3400,
-139.6050, -30.5250

■ 163.0490,
-125.4840, -27.6280

■ 172.8720,
-111.6840, -24.4200

■ 183.5810,
-97.5630, -21.5230

■ 193.4040,
-83.7630, -18.3150

■ 203.5260,
-69.3670, -14.8950

■ 213.9360,
-55.8420, -12.2100

■ 223.7590,
-42.0420, -9.0020

■ 234.4680,
-27.9210, -6.1050

■ 244.2910,
-14.1210, -2.8970

Harmonies

Analogous

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



150.8120, -129.7910, -43.1910



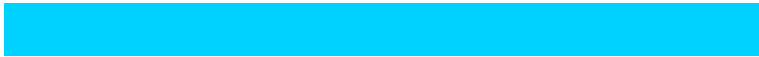
152.3400, -139.6050, -30.5250



179.9470, -71.5700, -2.4980

Triad

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



152.3400, -139.6050, -30.5250



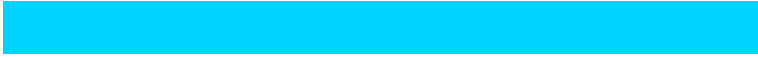
194.9370, 40.9830, 33.7110



187.1460, 21.8750, -27.5090

Complementary

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



152.3400, -139.6050, -30.5250



102.6600, 139.6050, 30.5250

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.



190.8340, 49.6570, -13.3750



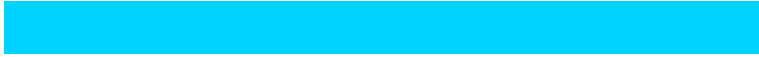
152.3400, -139.6050, -30.5250



190.8500, 53.8690, 20.4370

Square

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



152.3400, -139.6050, -30.5250



198.1480, 12.6480, 35.1120



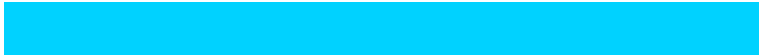
192.2570, 62.3080, 5.1560



181.8130, -16.9120, -34.9280

Rectangle

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



152.3400, -139.6050, -30.5250



189.0160, -40.4870, 12.3850



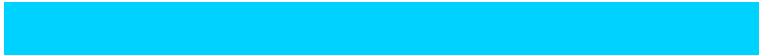
192.2570, 62.3080, 5.1560



188.5280, 32.6030, -23.6930

Sweetspot

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



152.3400, -139.6050, -30.5250



224.6450, -41.7210, -9.3130



154.5870, -83.9280, -119.9920



108.9630, -24.9410, -5.0450



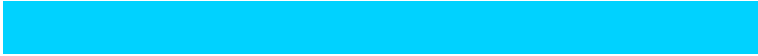
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



152.3400, -139.6050, -30.5250



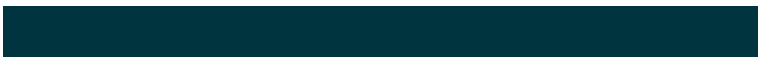
78.9650, -105.2300, 34.8500



122.3520, -6.9230, -1.1870



114.5200, -104.7610, -23.2330



38.4070, -35.1190, -7.8150

Inverse Universe

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



100.1850, 84.5700, 119.3700



176.0350, 105.2300, -34.8500



120.0270, 4.5380, 5.8660



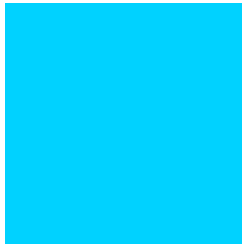
75.1210, 63.1180, 89.6300



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 152.3400, -139.6050, -30.5250 looks on a white background.

Color Contrast Check

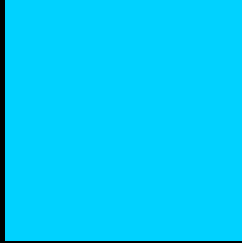
Large Text (above 18pt) WCAG AA × Fail

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 152.3400, -139.6050, -30.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

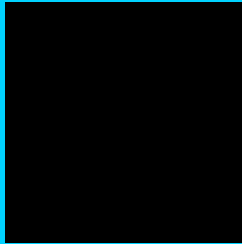
Any Text WCAG AA ✓ Pass

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 152.3400, -139.6050, -30.5250 Background



This preview shows how black text looks on a background with the YIQ color 152.3400, -139.6050, -30.5250.



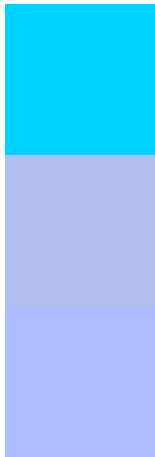
This preview shows how white text looks on a background with the YIQ color 152.3400, -139.6050, -30.5250.

-30.5250.

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

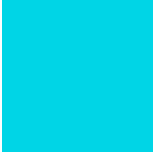
152.3400, -139.6050, -30.5250

Protanopia

192.4110, -22.6060, 13.2180

Deuteranopia

191.7400, -30.7220, 17.1340



Tritanopia

151.2510, -132.4050, -39.8690

Trichromacy



Original Color

152.3400, -139.6050, -30.5250

Protanomaly

177.6550, -64.8760, -2.6680

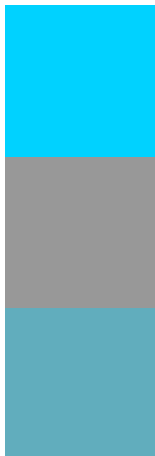
Deuteranomaly

177.5990, -70.4700, -0.4060

Tritanomaly

151.6900, -135.0190, -36.5470

Monochromacy



Original Color

152.3400, -139.6050, -30.5250

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1000, -50.4320, -11.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3400, -139.6050, -30.5250 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 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(0, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 255) }
```

Border

The CSS property to change the border of an element to YIQ 152.3400, -139.6050, -30.5250 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, 210, 255) }
```

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

```
.border{ border-color:rgb(0, 210, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3400, -139.6050, -30.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 255) }
```

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

```
.background{ background-color: rgb(0, 210,  
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](#).

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