

Converting Colors

YIQ(142.0440, -127.0880,
-31.6000)

Have a look what the booklet for
YIQ(142.0440, -127.0880, -31.6000)
contains.

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Color

**YIQ(142.0440, -127.0880,
-31.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	01C5E5
RGB	1, 197, 229
RGB Percent	0%, 77%, 90%
CMY	0.9963, 0.2271, 0.1025
CMYK	1.00, 0.14, 0.00, 0.10
HSL	188°, 99%, 45%
HSV	188°, 100%, 90%
XYZ	34.1201, 45.6253, 81.0382
YIQ	142.0440, -127.0880, -31.6000

Conversions

Conversions Part 2

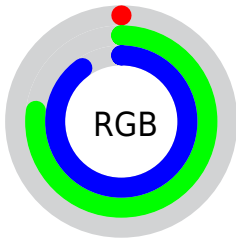
Format	Color
R _Y B	1, 106, 229
Decimal	116197
CIE Lab	73.30, -29.57, -27.28
CIE LCh	73, 40.230, 222.695
Yxy	45.6253, 0.2122, 0.2838
Android (android.graphics.Color)	4278306277 (0xFF01C5E5)
YUV	142.0440, 42.8693, -123.6956
Hunter-Lab	67.5465, -28.0398, -23.8500

Details

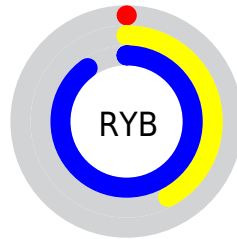
The YIQ color **142.0440, -127.0880, -31.6000** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **87.9560, 127.0880, 31.6000**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.7590, -86.7410, -30.4290**, and **103.6630, -94.8580, -20.9860** is the 20% darker color. If you saturate the color by 10%, you get **141.7450, -127.6840, -31.8120**, and if you desaturate by 10%, it is **150.6820, -114.2050, -28.2930**.

Distribution



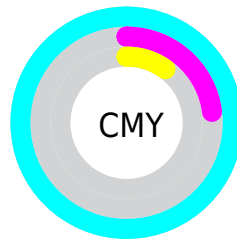
- Red (0%)
- Green (77%)
- Blue (90%)



- Red (0%)
- Yellow (42%)
- Blue (90%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0440, -127.0880, -31.6000 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 142.0440, -127.0880, -31.6000 by changing the saturation by 10% instead.

■ 142.0440,
-127.0880, -31.6000

■ 142.0440,
-127.0880, -31.6000

■ 255.0000, -0.0000,
-0.0000

■ 122.7040,
-111.2710, -26.3990

■ 210.7590,
-86.7410, -30.4290

■ 103.6630,
-94.8580, -20.9860

■ 221.5120,
-66.7520, -23.7440

■ 85.4370, -79.3620,
-15.4740

■ 231.0800,
-47.6800, -16.9600

■ 67.7980, -64.1410,
-10.4850

■ 240.6480,
-28.6080, -10.1760

■ 50.8600, -49.5160,
-5.7080

■ 250.2160, -9.5360,
-3.3920

■ 34.6230, -35.4870,
-1.1430

■ 18.5000, -21.7790,

3.7330

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 142.0440,
-127.0880, -31.6000

■ 142.0440,
-127.0880, -31.6000

■ 141.7450,
-127.6840, -31.8120

■ 150.6820,
-114.2050, -28.2930

■ 159.3200,
-101.3220, -24.9860

■ 168.5450,
-88.7140, -22.2020

■ 176.8840,
-76.4270, -19.1070

■ 185.5220,
-63.5440, -15.8000

■ 194.1600,
-50.6610, -12.4930

■ 202.7980,
-37.7780, -9.1860

■ 212.0230,
-25.1700, -6.4020

■ 220.6610,
-12.2870, -3.0950

Harmonies

Analogous

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



152.1880, -92.5630, -35.0510



142.0440, -127.0880, -31.6000



165.7440, -81.2440, -3.3880

Triad

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



142.0440, -127.0880, -31.6000



184.7020, 34.3350, 33.0470



176.1300, 27.9720, -22.3640

Complementary

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



142.0440, -127.0880, -31.6000



87.9560, 127.0880, 31.6000

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.



179.0070, 50.8480, -7.4240



142.0440, -127.0880, -31.6000



182.9090, 55.3810, 26.0770

Square

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



142.0440, -127.0880, -31.6000



184.5270, 1.0950, 29.7270



181.0490, 60.1980, 10.3580



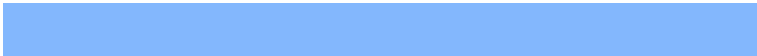
171.0920, -4.3960, -30.4760

Rectangle

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



142.0440, -127.0880, -31.6000



175.4320, -53.4620, 10.7460



181.0490, 60.1980, 10.3580



177.1420, 36.8660, -18.3500

Sweetspot

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



142.0440, -127.0880, -31.6000



225.8190, -42.2710, -10.3590



138.2560, -72.3300, -109.9140



110.1370, -25.4910, -6.0910



0.0000, 0.0000, 0.0000



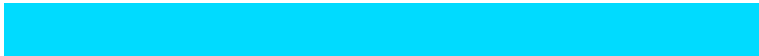
128.0000, -0.0000, -0.0000

Same Dimension

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



142.0440, -127.0880, -31.6000



157.6230, -142.0800, -35.2320



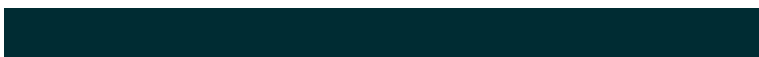
76.3000, -96.2880, 26.9760



110.2380, -6.6020, -1.4980



110.8040, -99.8090, -24.8730



31.6420, -28.4710, -7.1510

Inverse Universe

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



91.5160, 72.9720, 109.2920



101.2110, 81.6810, 122.1690



153.7000, 96.2880, -26.9760



107.7280, 3.9420, 5.6540



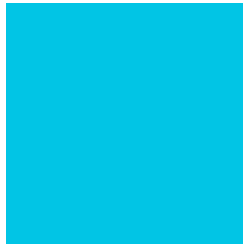
71.0770, 57.2500, 85.8420



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 142.0440, -127.0880, -31.6000 looks on a white background.

Color Contrast Check

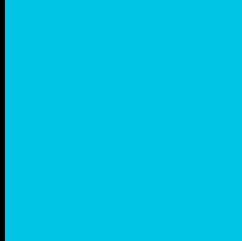
Large Text (above 18pt) WCAG AA × Fail

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 142.0440, -127.0880, -31.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

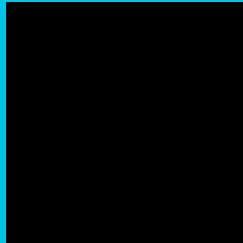
Any Text WCAG AA ✓ Pass

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 142.0440, -127.0880, -31.6000 Background



This preview shows how black text looks on a background with the YIQ color 142.0440, -127.0880, -31.6000.



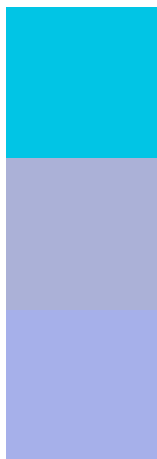
This preview shows how white text looks on a background with the YIQ color 142.0440, -127.0880,

-31.6000.

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

142.0440, -127.0880, -31.6000

Protanopia

179.5380, -15.7740, 10.5460

Deuteranopia

179.6220, -24.5780, 15.9180



Tritanopia

141.3230, -123.7400, -37.2120

Trichromacy



Original Color

142.0440, -127.0880, -31.6000

Protanomaly

165.6790, -56.2560, -4.7040

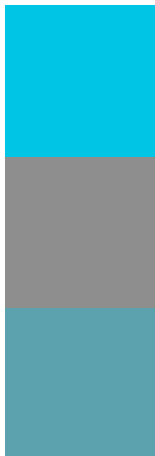
Deuteranomaly

166.1500, -61.8960, -1.6080

Tritanomaly

141.3060, -125.0700, -35.1340

Monochromacy



Original Color

142.0440, -127.0880, -31.6000

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1390, -46.1680, -11.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0440, -127.0880, -31.6000 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, 197, 229)` looks like.

```
.text, #text, p{  
    color:rgb(1, 197, 229)  
}
```

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, 197, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 197, 229) }
```

Border

The CSS property to change the border of an element to YIQ 142.0440, -127.0880, -31.6000 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, 197, 229) }
```


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

```
.border{ border-color:rgb(1, 197, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 197, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(1, 197,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0440, -127.0880, -31.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 197, 229) }
```

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

```
.background{ background-color: rgb(1, 197,  
229) }
```

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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