

Converting Colors

YIQ(176.7330, -101.0470,
-24.4630)

Have a look what the booklet for
YIQ(176.7330, -101.0470, -24.4630)
contains.

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Color

**YIQ(176.7330, -101.0470,
-24.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	41DCF7
RGB	65, 220, 247
RGB Percent	25%, 86%, 97%
CMY	0.7454, 0.1370, 0.0318
CMYK	0.74, 0.11, 0.00, 0.03
HSL	189°, 92%, 61%
HSV	189°, 74%, 97%
XYZ	44.5563, 59.0502, 96.9581
YIQ	176.7330, -101.0470, -24.4630

Conversions

Conversions Part 2

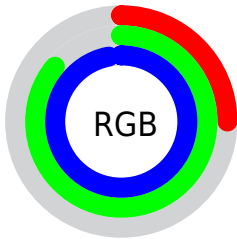
Format	Color
R _{YB}	65, 149, 247
Decimal	4316407
CIE _{Lab}	81.32, -31.07, -24.62
CIE _{LCh}	81, 39.641, 218.400
Yxy	59.0502, 0.2222, 0.2944
Android (android.graphics.Color)	4282506487 (0xFF41DCF7)
YUV	176.7330, 34.6416, -97.9898
Hunter-Lab	76.8441, -30.9781, -21.0183

Details

The YIQ color **176.7330, -101.0470, -24.4630** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **135.2670, 101.0470, 24.4630**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7180, -70.3280, -25.0160**, and **118.6290, -106.6860, -26.8940** is the 20% darker color. If you saturate the color by 10%, you get **166.9100, -114.8470, -27.6710**, and if you desaturate by 10%, it is **186.5560, -87.2470, -21.2550**.

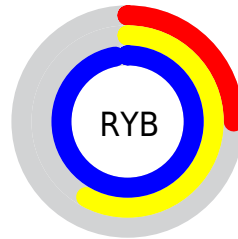
Distribution



Red (25%)

Green (86%)

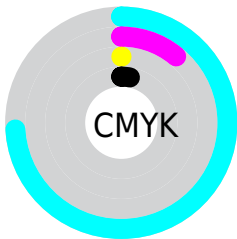
Blue (97%)



Red (25%)

Yellow (58%)

Blue (97%)

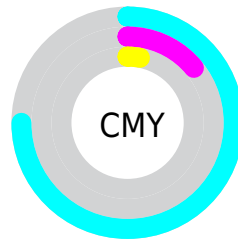


Cyan (74%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (75%)

Magenta (14%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.7330, -101.0470, -24.4630 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 176.7330, -101.0470, -24.4630 by changing the saturation by 10% instead.

■ 176.7330,
-101.0470, -24.4630

■ 176.7330,
-101.0470, -24.4630

■ 255.0000, -0.0000,
-0.0000

■ 137.5560,
-122.7780, -32.6180

■ 219.7180,
-70.3280, -25.0160

■ 118.6290,
-106.6860, -26.8940

■ 229.2860,
-51.2560, -18.2320

■ 99.5880, -90.2730,
-21.4810

■ 238.8540,
-32.1840, -11.4480

■ 81.3620, -74.7770,
-15.9690

■ 248.4220,
-13.1120, -4.6640

■ 63.8370, -59.8770,
-10.6690

■ 46.8990, -45.2520,
-5.8920

■ 31.3630, -31.8190,

-1.5390

■ 11.8320, -16.7820,
6.7860

■ 2.8670, -6.6950,
5.6970

■ 176.7330,
-101.0470, -24.4630

■ 176.7330,
-101.0470, -24.4630

■ 166.9100,
-114.8470, -27.6710

■ 186.5560,
-87.2470, -21.2550

■ 157.9730,
-128.3260, -31.1900

■ 195.4930,
-73.7680, -17.7360

■ 151.4280,
-137.0370, -33.0130

■ 205.3160,
-59.9680, -14.5280

■ 215.1390,
-46.1680, -11.3200

■ 224.0760,
-32.6890, -7.8010

■ 233.8990,
-18.8890, -4.5930

■ 243.7220, -5.0890,
-1.3850

■ 250.5660, 4.2180,
0.6500

■ 252.9140, 3.1180,
-1.4420

Harmonies

Analogous

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



180.1960, -77.8460, -31.9420



176.7330, -101.0470, -24.4630



186.0940, -76.6580, -9.4100

Triad

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



176.7330, -101.0470, -24.4630



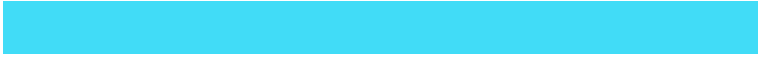
206.3640, 29.4750, 33.0190



198.6360, 32.4190, -20.3570

Complementary

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



176.7330, -101.0470, -24.4630



135.2670, 101.0470, 24.4630

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.



201.5560, 53.7360, -4.6960



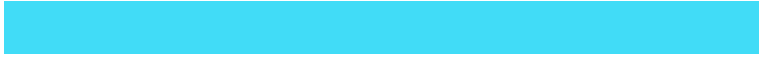
176.7330, -101.0470, -24.4630



200.3850, 42.1770, 23.0810

Square

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



176.7330, -101.0470, -24.4630



205.7930, -2.7100, 27.0980



199.3300, 52.0370, 9.5810



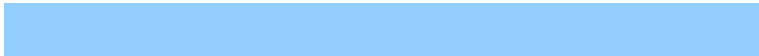
193.9570, 0.4180, -29.6140

Rectangle

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



176.7330, -101.0470, -24.4630



193.9450, -50.8930, 2.7310



199.3300, 52.0370, 9.5810



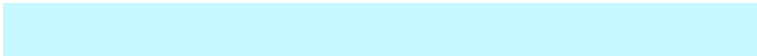
199.7620, 40.9920, -16.0320

Sweetspot

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



176.7330, -101.0470, -24.4630



233.5600, -31.1760, -7.6880



174.5700, -57.7540, -87.7220



114.8990, -18.8890, -4.5930



0.0000, 0.0000, 0.0000



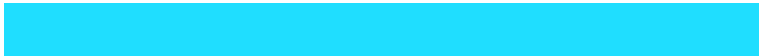
128.0000, -0.0000, -0.0000

Same Dimension

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



176.7330, -101.0470, -24.4630



168.6530, -124.4290, -30.2290



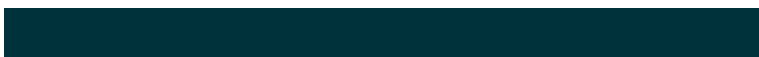
125.0770, -76.8470, 21.5610



117.8250, -6.8770, -2.0210



114.5370, -103.4310, -25.3110



36.0760, -32.6890, -7.8010

Inverse Universe

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



137.0880, 58.7170, 86.7890



119.7500, 72.1930, 106.8890



186.9230, 76.8470, -21.5610



114.8420, 3.6210, 5.9650



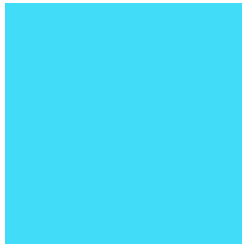
73.7400, 59.8170, 88.8810



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 176.7330, -101.0470, -24.4630 looks on a white background.

Color Contrast Check

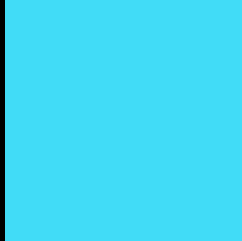
Large Text (above 18pt) WCAG AA × Fail

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 176.7330, -101.0470, -24.4630 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 176.7330, -101.0470, -24.4630 Background



This preview shows how black text looks on a background with the YIQ color 176.7330, -101.0470, -24.4630.



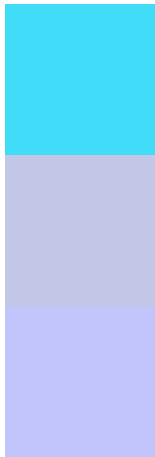
This preview shows how white text looks on a background with the YIQ color 176.7330, -101.0470, -24.4630.

-24.4630.

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

176.7330, -101.0470, -24.4630

Protanopia

201.2670, -13.5730, 9.2030

Deuteranopia

202.0740, -20.0390, 16.2570



Tritanopia

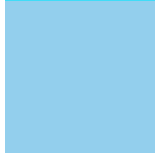
174.6140, -102.3300, -28.7460

Trichromacy



Original Color

176.7330, -101.0470, -24.4630



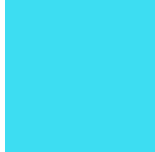
Protanomaly

192.4800, -45.3900, -3.3900



Deuteranomaly

192.4890, -49.6090, 1.4870



Tritanomaly

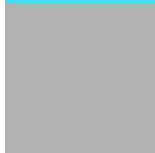
175.5540, -102.1010, -27.3890

Monochromacy



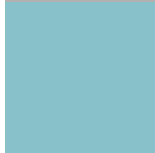
Original Color

176.7330, -101.0470, -24.4630



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.9830, -36.8610, -9.2850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.7330, -101.0470, -24.4630 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(65, 220, 247)` looks like.

```
.text, #text, p{  
    color:rgb(65, 220, 247)  
}
```

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(65, 220, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 220, 247) }
```

Border

The CSS property to change the border of an element to YIQ 176.7330, -101.0470, -24.4630 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(65, 220, 247) }
```


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

```
.border{ border-color:rgb(65, 220, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 220, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 220, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 220, 247);  
box-shadow:4px 4px 4px 4px rgb(65, 220,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 176.7330, -101.0470, -24.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 220, 247) }
```

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

```
.background{ background-color: rgb(65, 220,  
247) }
```

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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