

Converting Colors

YIQ(151.0730, -116.8640,
-29.6640)

Have a look what the booklet for
YIQ(151.0730, -116.8640, -29.6640)
contains.

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Color

**YIQ(151.0730, -116.8640,
-29.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	15CAE6
RGB	21, 202, 230
RGB Percent	8%, 79%, 90%
CMY	0.9179, 0.2075, 0.0985
CMYK	0.91, 0.12, 0.00, 0.10
HSL	188°, 83%, 49%
HSV	188°, 91%, 90%
XYZ	35.7110, 48.1413, 82.1818
YIQ	151.0730, -116.8640, -29.6640

Conversions

Conversions Part 2

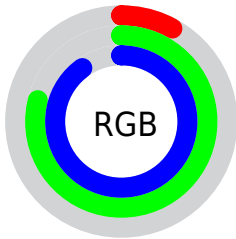
Format	Color
R _Y B	21, 118, 230
Decimal	1428198
CIE Lab	74.91, -31.08, -25.35
CIE LCh	75, 40.105, 219.202
Yxy	48.1413, 0.2151, 0.2899
Android (android.graphics.Color)	4279618278 (0xFF15CAE6)
YUV	151.0730, 38.9110, -114.0740
Hunter-Lab	69.3839, -29.5503, -21.6573

Details

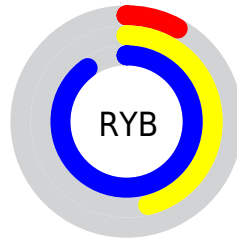
The YIQ color **151.0730, -116.8640, -29.6640** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **99.9270, 116.8640, 29.6640**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, -84.0360, -29.8920**, and **106.1250, -96.2790, -22.7670** is the 20% darker color. If you saturate the color by 10%, you get **143.0330, -128.5550, -32.5470**, and if you desaturate by 10%, it is **159.7110, -103.9810, -26.3570**.

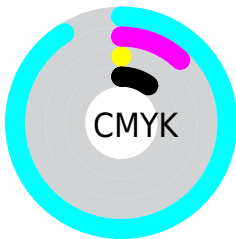
Distribution



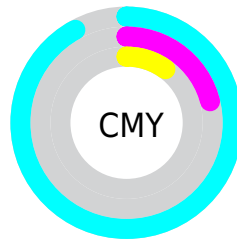
- Red (8%)
- Green (79%)
- Blue (90%)



- Red (8%)
- Yellow (46%)
- Blue (90%)



- Cyan (91%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (92%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0730, -116.8640, -29.6640 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 151.0730, -116.8640, -29.6640 by changing the saturation by 10% instead.

151.0730,
-116.8640, -29.6640

151.0730,
-116.8640, -29.6640

255.0000, -0.0000,
-0.0000

125.1660,
-112.6920, -28.1800

212.8410,
-84.0360, -29.8920

106.7120,
-96.5540, -23.2900

222.7080,
-64.3680, -22.8960

87.8990, -80.7830,
-17.2550

232.2760,
-45.2960, -16.1120

70.2600, -65.5620,
-12.2660

241.8440,
-26.2240, -9.3280

53.3220, -50.9370,
-7.4890

251.1130, -7.7480,
-2.7560

37.0850, -36.9080,
-2.9240

22.1360, -23.7500,

0.9060

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 151.0730,
-116.8640, -29.6640

■ 151.0730,
-116.8640, -29.6640

■ 143.0330,
-128.5550, -32.5470

■ 159.7110,
-103.9810, -26.3570

■ 168.3490,
-91.0980, -23.0500

■ 176.9870,
-78.2150, -19.7430

■ 185.6250,
-65.3320, -16.4360

■ 194.2630,
-52.4490, -13.1290

■ 202.9010,
-39.5660, -9.8220

■ 211.5390,
-26.6830, -6.5150

■ 220.7640,
-14.0750, -3.7310

■ 229.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



159.3200, -84.1270, -33.7510



151.0730, -116.8640, -29.6640



168.4230, -84.7740, -5.4940

Triad

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



151.0730, -116.8640, -29.6640



189.1470, 31.5840, 33.3440



180.9240, 31.5480, -21.0920

Complementary

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



151.0730, -116.8640, -29.6640



99.9270, 116.8640, 29.6640

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.



183.8440, 52.8650, -5.4310



151.0730, -116.8640, -29.6640



187.6530, 53.2260, 26.5860

Square

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



151.0730, -116.8640, -29.6640



188.6620, -3.7190, 28.8650



185.8150, 60.9770, 12.7610



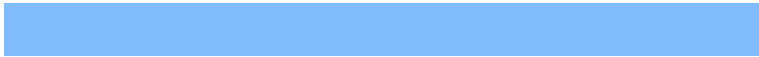
176.3590, -0.7740, -30.0380

Rectangle

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



151.0730, -116.8640, -29.6640



177.9970, -56.6710, 8.3290



185.8150, 60.9770, 12.7610



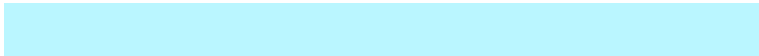
182.1640, 39.8000, -16.4560

Sweetspot

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



151.0730, -116.8640, -29.6640



229.0860, -38.6490, -9.9210



146.4190, -65.1790, -101.8430



112.2190, -22.7860, -5.5540



0.0000, 0.0000, 0.0000



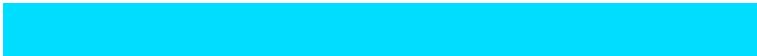
128.0000, -0.0000, -0.0000

Same Dimension

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



151.0730, -116.8640, -29.6640



158.7970, -142.6300, -36.2780



91.7860, -89.0890, 23.1590



110.2380, -6.6020, -1.4980



111.3910, -100.0840, -25.3960



31.6420, -28.4710, -7.1510

Inverse Universe

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



104.1250, 66.4630, 100.5990



101.4390, 81.0390, 122.7910



159.2140, 89.0890, -23.1590



107.7280, 3.9420, 5.6540



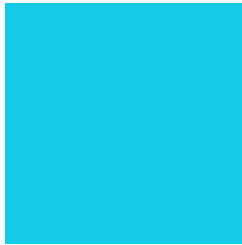
71.1910, 56.9290, 86.1530



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 151.0730, -116.8640, -29.6640 looks on a white background.

Color Contrast Check

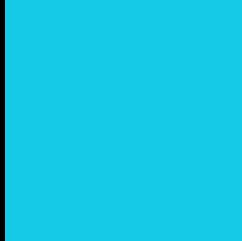
Large Text (above 18pt) WCAG AA × Fail

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 151.0730, -116.8640, -29.6640 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 151.0730, -116.8640, -29.6640 Background



This preview shows how black text looks on a background with the YIQ color 151.0730, -116.8640, -29.6640.



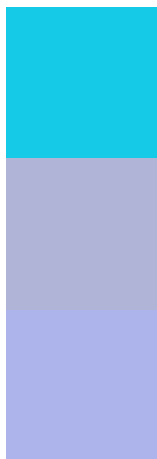
This preview shows how white text looks on a background with the YIQ color 151.0730, -116.8640, -29.6640.

-29.6640.

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

151.0730, -116.8640, -29.6640

Protanopia

183.4950, -14.2150, 9.8250

Deuteranopia

184.1770, -21.8270, 15.6210



Tritanopia

144.2410, -126.4450, -37.7490

Trichromacy



Original Color

151.0730, -116.8640, -29.6640

Protanomaly

172.0170, -51.3960, -4.6760

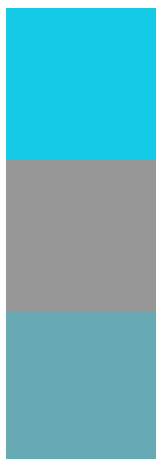
Deuteranomaly

172.2000, -56.1650, -0.8450

Tritanomaly

147.0890, -122.9610, -34.8090

Monochromacy



Original Color

151.0730, -116.8640, -29.6640

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.4060, -42.5460, -10.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0730, -116.8640, -29.6640 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(21, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(21, 202, 230)  
}
```

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(21, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 202, 230) }
```

Border

The CSS property to change the border of an element to YIQ 151.0730, -116.8640, -29.6640 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(21, 202, 230) }
```


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

```
.border{ border-color:rgb(21, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(21, 202,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0730, -116.8640, -29.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 202, 230) }
```

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

```
.background{ background-color: rgb(21, 202,  
230) }
```

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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