

Converting Colors

YIQ(146.9130, -128.0970,
-29.8330)

Have a look what the booklet for
YIQ(146.9130, -128.0970, -29.8330)
contains.

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Color

**YIQ(146.9130, -128.0970,
-29.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	06C9EE
RGB	6, 201, 238
RGB Percent	2%, 79%, 93%
CMY	0.9767, 0.2114, 0.0672
CMYK	0.97, 0.15, 0.00, 0.07
HSL	190°, 95%, 48%
HSV	190°, 97%, 93%
XYZ	36.3920, 48.0146, 88.1331
YIQ	146.9130, -128.0970, -29.8330

Conversions

Conversions Part 2

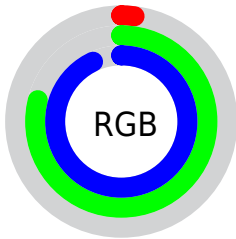
Format	Color
R _{YB}	6, 112, 238
Decimal	444910
CIE Lab	74.83, -28.45, -29.78
CIE LCh	75, 41.189, 226.303
Yxy	48.0146, 0.2109, 0.2783
Android (android.graphics.Color)	4278634990 (0xFF06C9EE)
YUV	146.9130, 44.9059, -123.5807
Hunter-Lab	69.2925, -27.5149, -26.9061

Details

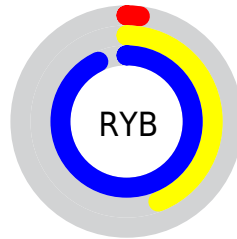
The YIQ color **146.9130, -128.0970, -29.8330** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **97.0870, 128.0970, 29.8330**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, -85.2280, -30.3160**, and **107.0370, -98.8470, -20.2790** is the 20% darker color. If you saturate the color by 10%, you get **144.5320, -131.3980, -30.5820**, and if you desaturate by 10%, it is **156.4370, -114.8930, -26.8370**.

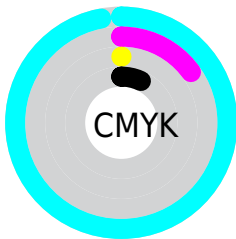
Distribution



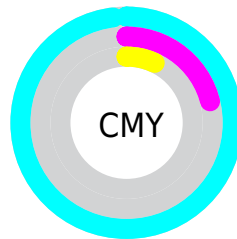
- Red (2%)
- Green (79%)
- Blue (93%)



- Red (2%)
- Yellow (44%)
- Blue (93%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (98%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.9130, -128.0970, -29.8330 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 146.9130, -128.0970, -29.8330 by changing the saturation by 10% instead.

■ 146.9130,
-128.0970, -29.8330

■ 146.9130,
-128.0970, -29.8330

■ 255.0000, -0.0000,
-0.0000

■ 126.0780,
-115.2600, -25.6920

■ 212.2430,
-85.2280, -30.3160

■ 107.0370,
-98.8470, -20.2790

■ 222.4090,
-64.9640, -23.1080

■ 88.6970, -83.0300,
-15.0780

■ 232.2760,
-45.2960, -16.1120

■ 71.0580, -67.8090,
-10.0890

■ 241.5450,
-26.8200, -9.5400

■ 53.5330, -52.9090,
-4.7890

■ 251.1130, -7.7480,
-2.7560

■ 37.1820, -38.5590,
-0.5350

■ 22.8200, -25.6760,

2.7720

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,
2.7990

■ 146.9130,
-128.0970, -29.8330

■ 146.9130,
-128.0970, -29.8330

■ 144.5320,
-131.3980, -30.5820

■ 156.4370,
-114.8930, -26.8370

■ 165.9610,
-101.6890, -23.8410

■ 174.5990,
-88.8060, -20.5340

■ 184.1230,
-75.6020, -17.5380

■ 193.6470,
-62.3980, -14.5420

■ 203.1710,
-49.1940, -11.5460

■ 211.8090,
-36.3110, -8.2390

■ 221.3330,
-23.1070, -5.2430

■ 230.8570, -9.9030,
-2.2470

Harmonies

Analogous

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



152.2730, -103.1080, -36.6760



146.9130, -128.0970, -29.8330



171.0650, -77.7140, -1.2820

Triad

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



146.9130, -128.0970, -29.8330



188.5670, 39.1490, 33.9090



179.1080, 25.0380, -24.2580

Complementary

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



146.9130, -128.0970, -29.8330



97.0870, 128.0970, 29.8330

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.



182.8280, 49.7940, -10.3500



146.9130, -128.0970, -29.8330



186.0400, 56.3900, 24.3100

Square

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



146.9130, -128.0970, -29.8330



189.0330, 5.5420, 31.7340



185.0660, 61.5280, 8.2800



174.7000, -9.1640, -32.1720

Rectangle

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



146.9130, -128.0970, -29.8330



180.1230, -48.0980, 12.6540



185.0660, 61.5280, 8.2800



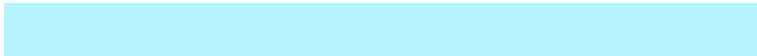
181.0060, 34.2530, -20.5550

Sweetspot

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



146.9130, -128.0970, -29.8330



225.8300, -40.8040, -9.4120



146.1740, -75.0350, -110.4510



109.8490, -24.6200, -5.3560



0.0000, 0.0000, 0.0000



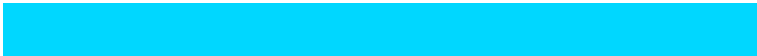
128.0000, -0.0000, -0.0000

Same Dimension

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



146.9130, -128.0970, -29.8330



155.2750, -140.9800, -33.1400



79.9950, -96.7470, 29.7890



115.2380, -6.6020, -1.4980



111.3740, -101.4140, -23.3180



33.9730, -30.9010, -7.1650

Inverse Universe

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



97.5980, 75.6770, 109.8290



100.7550, 82.9650, 120.9250



164.0050, 96.7470, -29.7890



112.7280, 3.9420, 5.6540



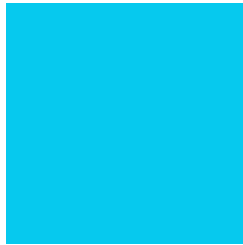
72.5720, 60.2300, 86.9020



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 146.9130, -128.0970, -29.8330 looks on a white background.

Color Contrast Check

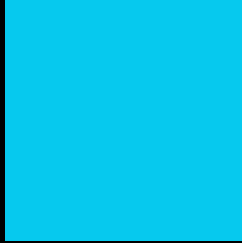
Large Text (above 18pt) WCAG AA × Fail

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 146.9130, -128.0970, -29.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

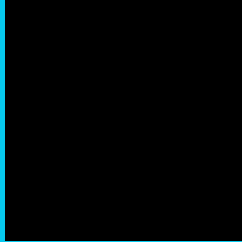
Any Text WCAG AA ✓ Pass

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 146.9130, -128.0970, -29.8330 Background



This preview shows how black text looks on a background with the YIQ color 146.9130, -128.0970, -29.8330.

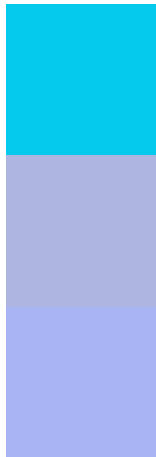


This preview shows how white text looks on a background with the YIQ color 146.9130, -128.0970,

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

146.9130, -128.0970, -29.8330

Protanopia

183.5100, -18.5710, 11.6770

Deuteranopia

183.5940, -27.3750, 17.0490



Tritanopia

144.1270, -126.1240, -38.0600

Trichromacy



Original Color

146.9130, -128.0970, -29.8330



Protanomaly

169.9500, -58.4570, -3.3610



Deuteranomaly

170.4210, -64.0970, -0.2650



Tritanomaly

144.9360, -126.9040, -34.9360

Monochromacy



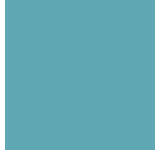
Original Color

146.9130, -128.0970, -29.8330



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

147.2530, -46.4890, -11.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9130, -128.0970, -29.8330 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(6, 201, 238)` looks like.

```
.text, #text, p{  
    color:rgb(6, 201, 238)  
}
```

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(6, 201, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 201, 238) }
```

Border

The CSS property to change the border of an element to YIQ 146.9130, -128.0970, -29.8330 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(6, 201, 238) }
```


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

```
.border{ border-color:rgb(6, 201, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 201, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 201, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 201, 238);  
box-shadow:4px 4px 4px 4px rgb(6, 201,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9130, -128.0970, -29.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 201, 238) }
```

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

```
.background{ background-color: rgb(6, 201,  
238) }
```

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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