

Converting Colors

YIQ(145.9130, -120.0700,
-48.6620)

Have a look what the booklet for
YIQ(145.9130, -120.0700, -48.6620)
contains.

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Color

**YIQ(145.9130, -120.0700,
-48.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	01D2C4
RGB	1, 210, 196
RGB Percent	0%, 82%, 77%
CMY	0.9964, 0.1761, 0.2318
CMYK	1.00, 0.00, 0.07, 0.18
HSL	176°, 99%, 41%
HSV	176°, 100%, 82%
XYZ	33.0295, 50.1223, 60.0874
YIQ	145.9130, -120.0700, -48.6620

Conversions

Conversions Part 2

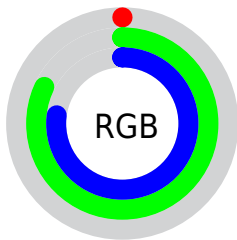
Format	Color
RYB	1, 109, 210
Decimal	119492
CIELab	76.14, -45.65, -5.18
CIELCh	76, 45.940, 186.473
Yxy	50.1223, 0.2306, 0.3499
Android (android.graphics.Color)	4278309572 (0xFF01D2C4)
YUV	145.9130, 24.6929, -127.0887
Hunter-Lab	70.7971, -40.6181, -0.7631

Details

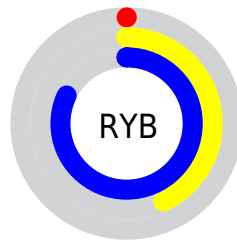
The YIQ color **145.9130, -120.0700, -48.6620** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **65.0870, 120.0700, 48.6620**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.5200, -87.5660, -31.9980**, and **107.1730, -88.2070, -36.9030** is the 20% darker color. If you saturate the color by 10%, you get **145.6140, -120.6660, -48.8740**, and if you desaturate by 10%, it is **152.3060, -107.8750, -43.8990**.

Distribution



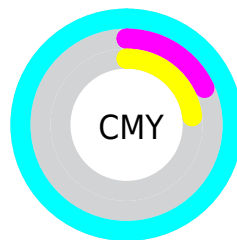
- Red (0%)
- Green (82%)
- Blue (77%)



- Red (0%)
- Yellow (43%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.9130, -120.0700, -48.6620 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 145.9130, -120.0700, -48.6620 by changing the saturation by 10% instead.

■ 145.9130,
-120.0700, -48.6620

■ 145.9130,
-120.0700, -48.6620

■ 255.0000, -0.0000,
-0.0000

■ 126.1000,
-104.2990, -42.6270

■ 210.4060,
-87.2450, -32.3090

■ 107.1730,
-88.2070, -36.9030

■ 220.6150,
-68.5400, -24.3800

■ 88.4740, -72.7570,
-30.5570

■ 230.1830,
-49.4680, -17.5960

■ 70.3620, -57.5820,
-24.7340

■ 239.7510,
-30.3960, -10.8120

■ 53.0650, -43.3240,
-18.8120

■ 249.0200,
-11.9200, -4.2400

■ 36.4690, -29.6620,
-13.1020

■ 20.5740, -16.5960,

-7.6040

■ 0.0000, 0.0000,
0.0000

■ 145.9130,
-120.0700, -48.6620

■ 145.9130,
-120.0700, -48.6620

■ 145.6140,
-120.6660, -48.8740

■ 152.3060,
-107.8750, -43.8990

■ 158.8130,
-96.0010, -38.8250

■ 165.2060,
-83.8060, -34.0620

■ 171.7130,
-71.9320, -28.9880

■ 178.1060,
-59.7370, -24.2250

■ 184.4990,
-47.5420, -19.4620

■ 191.0060,
-35.6680, -14.3880

■ 197.3990,
-23.4730, -9.6250

■ 203.9060,
-11.5990, -4.5510

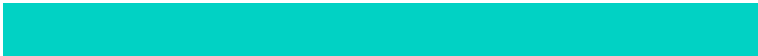
Harmonies

Analogous

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



170.5310, -42.5410, -38.5170



145.9130, -120.0700, -48.6620



149.1140, -133.2770, -35.0770

Triad

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



145.9130, -120.0700, -48.6620



191.6170, -7.8460, 32.0740



187.0360, 61.0720, -5.4880

Complementary

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



145.9130, -120.0700, -48.6620



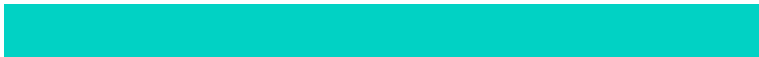
65.0870, 120.0700, 48.6620

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.



186.0110, 63.3610, 13.6090



145.9130, -120.0700, -48.6620



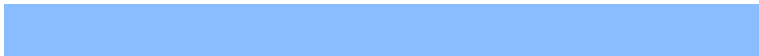
192.9070, 32.5000, 38.7720

Square

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



145.9130, -120.0700, -48.6620



181.2750, -51.5820, 9.7140



187.1630, 51.8500, 29.4980



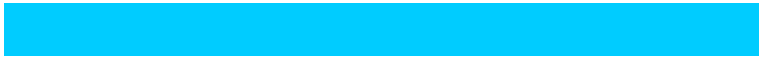
183.5780, 38.3340, -22.9300

Rectangle

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



145.9130, -120.0700, -48.6620



148.8180, -137.9550, -27.3870



187.1630, 51.8500, 29.4980



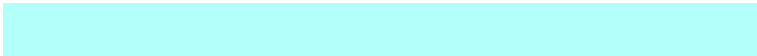
188.0030, 65.8390, 1.7350

Sweetspot

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



145.9130, -120.0700, -48.6620



231.7060, -43.6910, -17.6670



128.7660, -47.3430, -105.7030



113.7900, -26.1320, -10.9960



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.



145.9130, -120.0700, -48.6620



176.8170, -146.5230, -59.3470



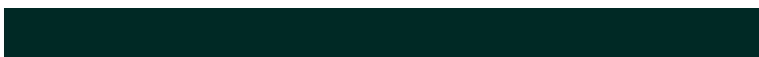
96.4400, -100.6390, 1.1930



101.5970, -6.2350, -2.6430



116.5140, -96.5970, -39.0370



28.3990, -23.4730, -9.6250

Inverse Universe

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



65.0870, 120.0700, 48.6620



78.1830, 146.5230, 59.3470



114.5600, 100.6390, -1.1930



97.4030, 6.2350, 2.6430



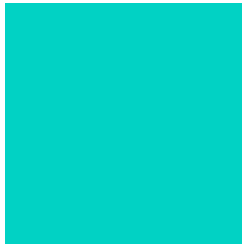
51.4860, 96.5970, 39.0370



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 145.9130, -120.0700, -48.6620 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 145.9130, -120.0700, -48.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

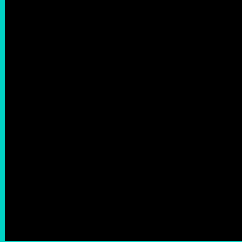
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

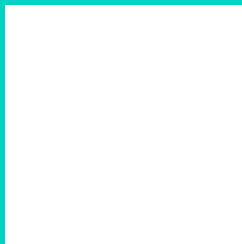
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 145.9130, -120.0700, -48.6620 Background



This preview shows how black text looks on a background with the YIQ color 145.9130, -120.0700, -48.6620.



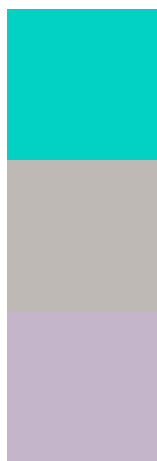
This preview shows how white text looks on a background with the YIQ color 145.9130, -120.0700, -48.6620.

-48.6620.

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

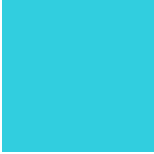
145.9130, -120.0700, -48.6620

Protanopia

186.4520, 4.5390, 0.3390

Deuteranopia

188.1780, 2.7950, 9.9230



Tritanopia

160.9950, -99.0290, -27.9970

Trichromacy



Original Color

145.9130, -120.0700, -48.6620



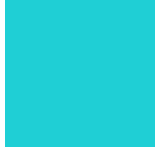
Protanomaly

171.6740, -40.6650, -17.4410



Deuteranomaly

173.1780, -41.9040, -11.5040



Tritanomaly

155.0600, -106.8220, -35.4460

Monochromacy



Original Color

145.9130, -120.0700, -48.6620



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.7060, -43.6910, -17.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.9130, -120.0700, -48.6620 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, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(1, 210, 196)  
}
```

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, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 210, 196) }
```

Border

The CSS property to change the border of an element to YIQ 145.9130, -120.0700, -48.6620 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, 210, 196) }
```


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

```
.border{ border-color:rgb(1, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(1, 210,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 145.9130, -120.0700, -48.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 210, 196) }
```

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

```
.background{ background-color: rgb(1, 210,  
196) }
```

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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