

Converting Colors

YIQ(149.6650, -124.7030,
-36.2790)

Have a look what the booklet for
YIQ(149.6650, -124.7030, -36.2790)
contains.

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Color

**YIQ(149.6650, -124.7030,
-36.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	08CFE2
RGB	8, 207, 226
RGB Percent	3%, 81%, 89%
CMY	0.9689, 0.1879, 0.1142
CMYK	0.96, 0.08, 0.00, 0.11
HSL	185°, 93%, 46%
HSV	185°, 96%, 89%
XYZ	36.1414, 50.2009, 79.6429
YIQ	149.6650, -124.7030, -36.2790

Conversions

Conversions Part 2

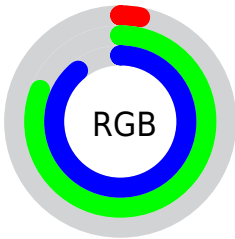
Format	Color
R _{YB}	8, 112, 226
Decimal	577506
CIE Lab	76.19, -35.14, -21.25
CIE LCh	76, 41.069, 211.158
Yxy	50.2009, 0.2177, 0.3024
Android (android.graphics.Color)	4278767586 (0xFF08CFE2)
YUV	149.6650, 37.6332, -124.2402
Hunter-Lab	70.8526, -32.9405, -17.0490

Details

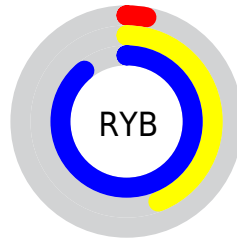
The YIQ color **149.6650, -124.7030, -36.2790** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **84.3350, 124.7030, 36.2790**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9440, -85.8240, -30.5280**, and **108.7180, -96.6910, -26.3150** is the 20% darker color. If you saturate the color by 10%, you get **146.6860, -129.1960, -37.4520**, and if you desaturate by 10%, it is **157.7160, -111.5450, -32.4490**.

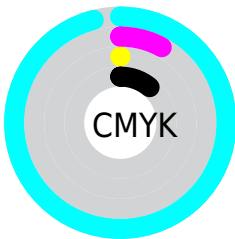
Distribution



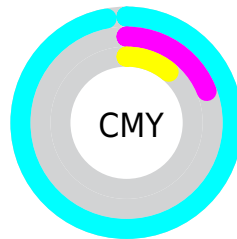
- Red (3%)
- Green (81%)
- Blue (89%)



- Red (3%)
- Yellow (44%)
- Blue (89%)



- Cyan (96%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (97%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.6650, -124.7030, -36.2790 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 149.6650, -124.7030, -36.2790 by changing the saturation by 10% instead.

■ 149.6650,
-124.7030, -36.2790

■ 149.6650,
-124.7030, -36.2790

■ 255.0000, -0.0000,
-0.0000

■ 127.6450,
-112.7830, -32.0390

■ 211.9440,
-85.8240, -30.5280

■ 108.7180,
-96.6910, -26.3150

■ 222.1100,
-65.5600, -23.3200

■ 90.3780, -80.8740,
-21.1140

■ 231.6780,
-46.4880, -16.5360

■ 72.1520, -65.3780,
-15.6020

■ 241.2460,
-27.4160, -9.7520

■ 55.3280, -51.0740,
-10.5140

■ 250.8140, -8.3440,
-2.9680

■ 38.5040, -36.7700,
-5.4260

■ 23.5550, -23.6120,

-1.5960

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 149.6650,
-124.7030, -36.2790

■ 149.6650,
-124.7030, -36.2790

■ 146.6860,
-129.1960, -37.4520

■ 157.7160,
-111.5450, -32.4490

■ 165.4680,
-98.9830, -28.8310

■ 173.5190,
-85.8250, -25.0010

■ 181.2710,
-73.2630, -21.3830

■ 189.3220,
-60.1050, -17.5530

■ 197.0740,
-47.5430, -13.9350

■ 205.1250,
-34.3850, -10.1050

■ 213.1760,
-21.2270, -6.2750

■ 220.9280, -8.6650,
-2.6570

Harmonies

Analogous

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



165.3550, -74.0400, -34.8400



149.6650, -124.7030, -36.2790



165.9650, -98.3440, -12.8720

Triad

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



149.6650, -124.7030, -36.2790



193.3680, 23.6520, 33.9240



184.9250, 38.9750, -18.0250

Complementary

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



149.6650, -124.7030, -36.2790



84.3350, 124.7030, 36.2790

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.



187.8170, 57.4950, -1.2330



149.6650, -124.7030, -36.2790



190.4230, 48.1820, 29.8940

Square

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



149.6650, -124.7030, -36.2790



191.3340, -14.5390, 26.7170



188.5530, 58.9590, 16.2950



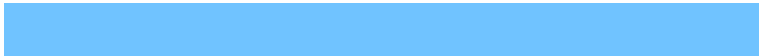
180.9750, 9.1750, -28.6250

Rectangle

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



149.6650, -124.7030, -36.2790



177.0230, -68.7280, 1.0640



188.5530, 58.9590, 16.2950



186.3930, 46.5850, -12.7670

Sweetspot

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



149.6650, -124.7030, -36.2790



229.3520, -42.4540, -12.5500



138.0180, -65.7280, -108.4160



112.1970, -25.7200, -7.4480



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.



149.6650, -124.7030, -36.2790



165.8410, -145.9300, -42.5540



86.2690, -95.0030, 20.2050



108.1240, -6.2810, -1.8090



114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Inverse Universe

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



95.8680, 66.0490, 108.1050



102.8070, 77.1870, 126.5230



147.7310, 95.0030, -20.2050



105.4290, 3.3460, 5.4420



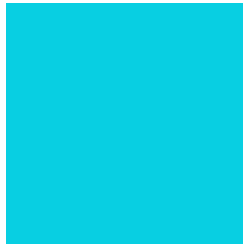
70.9780, 53.2150, 87.3830



19.3680, 14.4840, 23.8600

Previews

White Background



This preview shows how the YIQ color 149.6650, -124.7030, -36.2790 looks on a white background.

Color Contrast Check

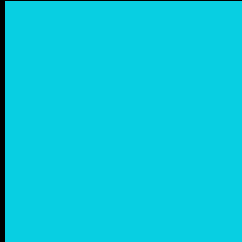
Large Text (above 18pt) WCAG AA × Fail

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 149.6650, -124.7030, -36.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

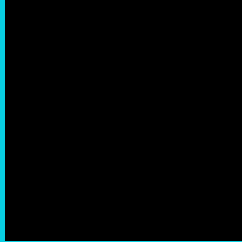
Any Text WCAG AA ✓ Pass

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 149.6650, -124.7030, -36.2790 Background



This preview shows how black text looks on a background with the YIQ color 149.6650, -124.7030, -36.2790.

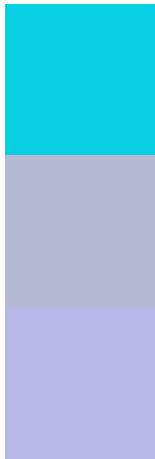


This preview shows how white text looks on a background with the YIQ color 149.6650, -124.7030, -36.2790.

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

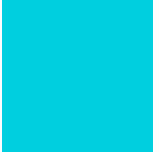
149.6650, -124.7030, -36.2790

Protanopia

187.0670, -10.1340, 7.4500

Deuteranopia

188.1730, -16.0040, 14.7160



Tritanopia

147.0450, -128.8290, -38.5970

Trichromacy



Original Color

149.6650, -124.7030, -36.2790



Protanomaly

173.4960, -51.4870, -8.5350



Deuteranomaly

174.3910, -55.3850, -3.9690



Tritanomaly

148.0560, -127.3620, -37.6500

Monochromacy



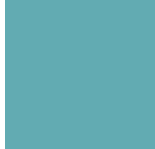
Original Color

149.6650, -124.7030, -36.2790



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

149.9710, -45.7550, -13.2990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6650, -124.7030, -36.2790 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(8, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(8, 207, 226)  
}
```

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(8, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 207, 226) }
```

Border

The CSS property to change the border of an element to YIQ 149.6650, -124.7030, -36.2790 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(8, 207, 226) }
```


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

```
.border{ border-color:rgb(8, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(8, 207,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6650, -124.7030, -36.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 207, 226) }
```

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

```
.background{ background-color: rgb(8, 207,  
226) }
```

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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