

Converting Colors

YIQ(150.2480, -119.1550,
-37.7070)

Have a look what the booklet for
YIQ(150.2480, -119.1550, -37.7070)
contains.

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Color

**YIQ(150.2480, -119.1550,
-37.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	0DCFDA
RGB	13, 207, 218
RGB Percent	5%, 81%, 85%
CMY	0.9493, 0.1879, 0.1456
CMYK	0.94, 0.05, 0.00, 0.15
HSL	183°, 89%, 45%
HSV	183°, 94%, 85%
XYZ	35.1357, 49.8054, 74.0070
YIQ	150.2480, -119.1550, -37.7070

Conversions

Conversions Part 2

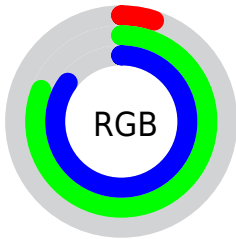
Format	Color
RYB	13, 113, 218
Decimal	905178
CIELab	75.95, -37.49, -17.31
CIELCh	76, 41.294, 204.787
Yxy	49.8054, 0.2211, 0.3133
Android (android.graphics.Color)	4279095258 (0xFF0DCFDA)
YUV	150.2480, 33.4017, -120.3665
Hunter-Lab	70.5729, -34.6340, -12.7740

Details

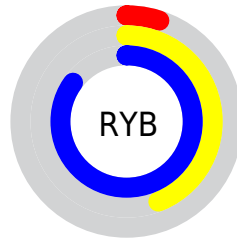
The YIQ color **150.2480, -119.1550, -37.7070** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **80.7520, 119.1550, 37.7070**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9440, -85.8240, -30.5280**, and **107.8060, -94.1230, -28.8030** is the 20% darker color. If you saturate the color by 10%, you get **145.7740, -126.6280, -39.9400**, and if you desaturate by 10%, it is **157.4130, -106.3180, -33.5660**.

Distribution



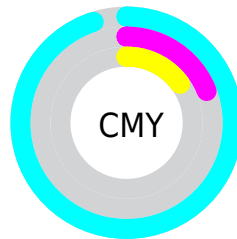
- Red (5%)
- Green (81%)
- Blue (85%)



- Red (5%)
- Yellow (44%)
- Blue (85%)



- Cyan (94%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2480, -119.1550, -37.7070 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 150.2480, -119.1550, -37.7070 by changing the saturation by 10% instead.

■ 150.2480,
-119.1550, -37.7070

■ 150.2480,
-119.1550, -37.7070

■ 255.0000, -0.0000,
-0.0000

■ 126.7330,
-110.2150, -34.5270

■ 211.9440,
-85.8240, -30.5280

■ 107.8060,
-94.1230, -28.8030

■ 221.8110,
-66.1560, -23.5320

■ 89.5800, -78.6270,
-23.2910

■ 231.3790,
-47.0840, -16.7480

■ 71.3540, -63.1310,
-17.7790

■ 240.9470,
-28.0120, -9.9640

■ 53.9430, -48.5520,
-12.1680

■ 250.5150, -8.9400,
-3.1800

■ 37.8200, -34.8440,
-7.2920

■ 22.3980, -21.7320,

-2.6280

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 150.2480,
-119.1550, -37.7070

■ 150.2480,
-119.1550, -37.7070

■ 145.7740,
-126.6280, -39.9400

■ 157.4130,
-106.3180, -33.5660

■ 164.5780,
-93.4810, -29.4250

■ 172.0310,
-81.5150, -26.0190

■ 179.1960,
-68.6780, -21.8780

■ 186.3610,
-55.8410, -17.7370

■ 193.5260,
-43.0040, -13.5960

■ 200.3920,
-30.7630, -9.6670

■ 207.5570,
-17.9260, -5.5260

■ 214.7220, -5.0890,
-1.3850

Harmonies

Analogous

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



166.7320, -64.9160, -34.9960



150.2480, -119.1550, -37.7070



160.3010, -108.3380, -18.9780

Triad

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



150.2480, -119.1550, -37.7070



192.3610, 16.3620, 33.8820



185.2570, 43.9720, -14.9720

Complementary

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



150.2480, -119.1550, -37.7070



80.7520, 119.1550, 37.7070

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.



187.4200, 60.2910, 3.1630



150.2480, -119.1550, -37.7070



191.2210, 45.9350, 32.0710

Square

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



150.2480, -119.1550, -37.7070



189.1480, -22.8830, 23.7490



187.4760, 57.8580, 19.7300



181.6230, 16.0980, -27.4380

Rectangle

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



150.2480, -119.1550, -37.7070



173.4130, -78.8140, -3.3740



187.4760, 57.8580, 19.7300



185.9530, 50.9400, -9.0920

Sweetspot

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



150.2480, -119.1550, -37.7070



231.4230, -41.2160, -12.9600



134.4750, -59.5850, -104.1050



113.0830, -25.3990, -7.7590



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.



150.2480, -119.1550, -37.7070



171.1240, -148.4050, -47.2610



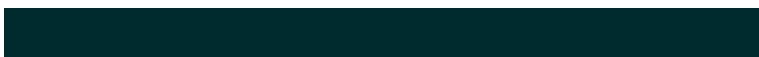
90.3740, -91.1050, 15.6390



106.1240, -6.2810, -1.8090



115.9900, -100.6330, -31.9690



30.4850, -26.5910, -8.1830

Inverse Universe

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



96.4110, 59.9060, 103.7940



103.8330, 74.2980, 129.3220



140.6260, 91.1050, -15.6390



103.4290, 3.3460, 5.4420



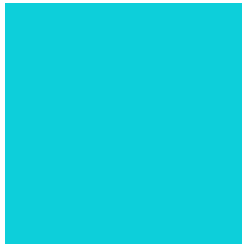
70.4230, 50.4640, 87.6800



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 150.2480, -119.1550, -37.7070 looks on a white background.

Color Contrast Check

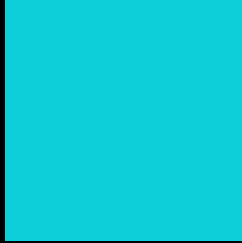
Large Text (above 18pt) WCAG AA × Fail

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 150.2480, -119.1550, -37.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

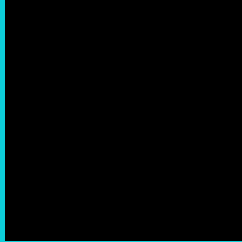
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

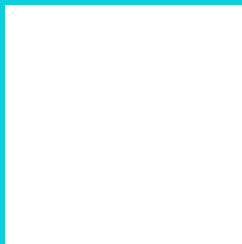
Any Text WCAG AAA ✓ Pass

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

YIQ 150.2480, -119.1550, -37.7070 Background



This preview shows how black text looks on a background with the YIQ color 150.2480, -119.1550, -37.7070.

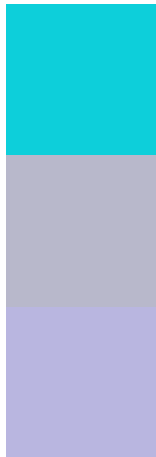


This preview shows how white text looks on a background with the YIQ color 150.2480, -119.1550, -37.7070.

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

150.2480, -119.1550, -37.7070

Protanopia

186.1660, -6.0990, 5.9090

Deuteranopia

187.6850, -11.6940, 13.6980



Tritanopia

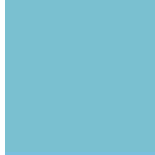
154.1180, -112.7370, -32.8730

Trichromacy



Original Color

150.2480, -119.1550, -37.7070



Protanomaly

172.8940, -46.8560, -9.8640



Deuteranomaly

173.9030, -51.0750, -4.9870



Tritanomaly

152.3950, -115.0750, -34.5550

Monochromacy



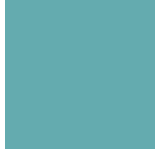
Original Color

150.2480, -119.1550, -37.7070



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

150.2270, -43.6000, -13.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2480, -119.1550, -37.7070 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(13, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(13, 207, 218)  
}
```

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(13, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 207, 218) }
```

Border

The CSS property to change the border of an element to YIQ 150.2480, -119.1550, -37.7070 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(13, 207, 218) }
```


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

```
.border{ border-color:rgb(13, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(13, 207,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2480, -119.1550, -37.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 207, 218) }
```

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

```
.background{ background-color: rgb(13, 207,  
218) }
```

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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