

Converting Colors

YIQ(150.5890, -127.5450,
-39.8410)

Have a look what the booklet for
YIQ(150.5890, -127.5450, -39.8410)
contains.

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Color

**YIQ(150.5890, -127.5450,
-39.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	04D3E0
RGB	4, 211, 224
RGB Percent	2%, 83%, 88%
CMY	0.9846, 0.1722, 0.1221
CMYK	0.98, 0.06, 0.00, 0.12
HSL	183°, 97%, 45%
HSV	183°, 98%, 88%
XYZ	36.8011, 52.0315, 78.5309
YIQ	150.5890, -127.5450, -39.8410

Conversions

Conversions Part 2

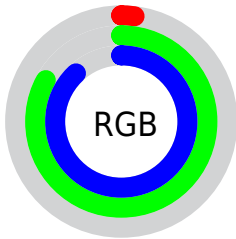
Format	Color
RYB	4, 111, 224
Decimal	316384
CIELab	77.30, -37.73, -18.50
CIELCh	77, 42.017, 206.119
Yxy	52.0315, 0.2199, 0.3109
Android (android.graphics.Color)	4278506464 (0xFF04D3E0)
YUV	150.5890, 36.1916, -128.5586
Hunter-Lab	72.1329, -35.1644, -14.0559

Details

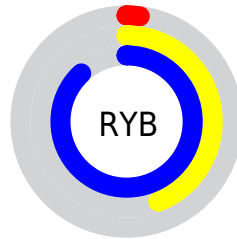
The YIQ color **150.5890, -127.5450, -39.8410** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **77.4110, 127.5450, 39.8410**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.9440, -85.8240, -30.5280**, and **110.8380, -97.1490, -29.0290** is the 20% darker color. If you saturate the color by 10%, you get **149.3930, -129.9290, -40.6890**, and if you desaturate by 10%, it is **157.7540, -114.7080, -35.7000**.

Distribution



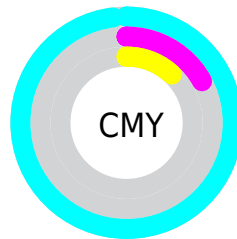
- Red (2%)
- Green (83%)
- Blue (88%)



- Red (2%)
- Yellow (44%)
- Blue (88%)



- Cyan (98%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (98%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.5890, -127.5450, -39.8410 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 150.5890, -127.5450, -39.8410 by changing the saturation by 10% instead.

■ 150.5890,
-127.5450, -39.8410

■ 150.5890,
-127.5450, -39.8410

■ 255.0000, -0.0000,
-0.0000

■ 129.7650,
-113.2410, -34.7530

■ 211.9440,
-85.8240, -30.5280

■ 110.8380,
-97.1490, -29.0290

■ 222.1100,
-65.5600, -23.3200

■ 91.9110, -81.0570,
-23.3050

■ 231.6780,
-46.4880, -16.5360

■ 74.3860, -66.1570,
-18.0050

■ 241.2460,
-27.4160, -9.7520

■ 56.8610, -51.2570,
-12.7050

■ 250.8140, -8.3440,
-2.9680

■ 40.0370, -36.9530,
-7.6170

■ 25.2020, -24.1160,

-3.4760

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 150.5890,
-127.5450, -39.8410

■ 150.5890,
-127.5450, -39.8410

■ 149.3930,
-129.9290, -40.6890

■ 157.7540,
-114.7080, -35.7000

■ 165.8050,
-101.5500, -31.8700

■ 172.9700,
-88.7130, -27.7290

■ 180.1350,
-75.8760, -23.5880

■ 188.1860,
-62.7180, -19.7580

■ 195.3510,
-49.8810, -15.6170

■ 202.8150,
-36.4480, -11.2640

■ 209.9800,
-23.6110, -7.1230

■ 217.7320,
-11.0490, -3.5050

Harmonies

Analogous

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



169.3510, -68.2170, -35.7450



150.5890, -127.5450, -39.8410



164.3440, -109.8970, -18.2570

Triad

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



150.5890, -127.5450, -39.8410



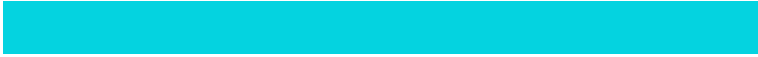
196.2580, 18.1500, 34.5180



188.7300, 44.0180, -15.8060

Complementary

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



150.5890, -127.5450, -39.8410



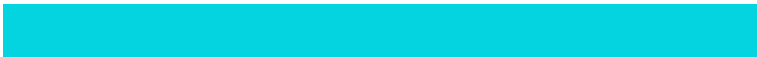
77.4110, 127.5450, 39.8410

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.



191.1920, 60.9330, 2.5410



150.5890, -127.5450, -39.8410



193.3240, 44.1470, 31.4350

Square

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



150.5890, -127.5450, -39.8410



192.7030, -20.1320, 23.4520



190.0520, 56.1160, 18.2600



184.9110, 15.2270, -28.1730

Rectangle

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



150.5890, -127.5450, -39.8410



176.6690, -76.6590, -3.8830



190.0520, 56.1160, 18.2600



189.3120, 51.3070, -10.2370

Sweetspot

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



150.5890, -127.5450, -39.8410



230.5260, -43.0040, -13.5960



134.3940, -64.0310, -111.6390



112.7840, -25.9950, -7.9710



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.



150.5890, -127.5450, -39.8410



169.9500, -147.8550, -46.2150



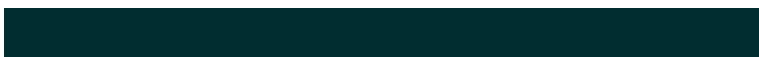
87.1930, -97.8450, 16.6430



108.7110, -6.5560, -2.3320



117.5060, -102.1460, -32.0820



32.4740, -28.0580, -9.1300

Inverse Universe

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



93.3780, 64.6730, 111.0170



103.6050, 74.9400, 128.7000



140.8070, 97.8450, -16.6430



105.5430, 3.0250, 5.7530



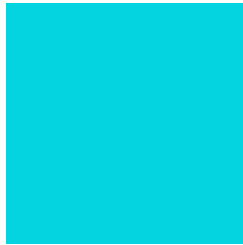
71.5480, 51.6100, 88.9380



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 150.5890, -127.5450, -39.8410 looks on a white background.

Color Contrast Check

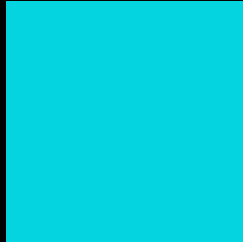
Large Text (above 18pt) WCAG AA × Fail

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 150.5890, -127.5450, -39.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

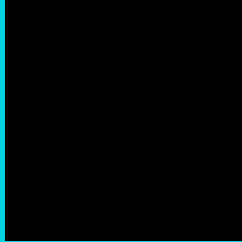
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

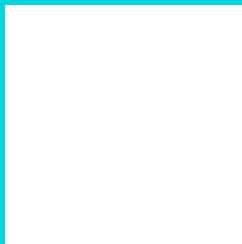
Any Text WCAG AAA ✓ Pass

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

YIQ 150.5890, -127.5450, -39.8410 Background



This preview shows how black text looks on a background with the YIQ color 150.5890, -127.5450, -39.8410.



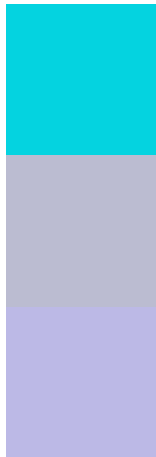
This preview shows how white text looks on a background with the YIQ color 150.5890, -127.5450, -39.8410.

-39.8410.

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

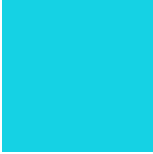
150.5890, -127.5450, -39.8410

Protanopia

190.0950, -7.3370, 6.3190

Deuteranopia

191.0270, -12.6570, 14.6310



Tritanopia

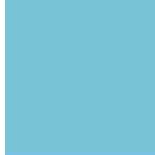
155.5410, -118.4220, -34.4700

Trichromacy



Original Color

150.5890, -127.5450, -39.8410



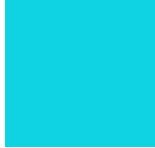
Protanomaly

175.3280, -51.0740, -10.5140



Deuteranomaly

176.0490, -54.4220, -4.9020



Tritanomaly

153.5190, -121.3560, -36.3640

Monochromacy



Original Color

150.5890, -127.5450, -39.8410



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.0310, -45.9840, -14.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5890, -127.5450, -39.8410 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(4, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(4, 211, 224)  
}
```

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(4, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 211, 224) }
```

Border

The CSS property to change the border of an element to YIQ 150.5890, -127.5450, -39.8410 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(4, 211, 224) }
```


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

```
.border{ border-color:rgb(4, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(4, 211,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5890, -127.5450, -39.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 211, 224) }
```

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

```
.background{ background-color: rgb(4, 211,  
224) }
```

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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