

Converting Colors

YIQ(172.3720, -99.0730,
-38.2170)

Have a look what the booklet for
YIQ(172.3720, -99.0730, -38.2170)
contains.

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Color

**YIQ(172.3720, -99.0730,
-38.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	36E0D9
RGB	54, 224, 217
RGB Percent	21%, 88%, 85%
CMY	0.7886, 0.1213, 0.1494
CMYK	0.76, 0.00, 0.03, 0.12
HSL	177°, 73%, 55%
HSV	177°, 76%, 88%
XYZ	40.7021, 59.1357, 74.8473
YIQ	172.3720, -99.0730, -38.2170

Conversions

Conversions Part 2

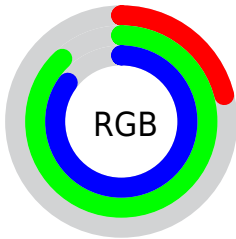
Format	Color
RYB	54, 141, 224
Decimal	3596505
CIELab	81.37, -42.81, -8.64
CIELCh	81, 43.670, 191.407
Yxy	59.1357, 0.2330, 0.3385
Android (android.graphics.Color)	4281786585 (0xFF36E0D9)
YUV	172.3720, 22.0016, -103.8122
Hunter-Lab	76.8998, -40.0967, -3.8778

Details

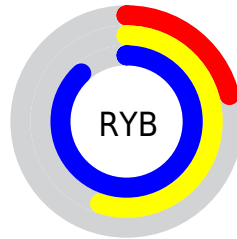
The YIQ color **172.3720, -99.0730, -38.2170** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **105.6280, 99.0730, 38.2170**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.0270, -75.6920, -26.9240**, and **117.0840, -98.2020, -37.4820** is the 20% darker color. If you saturate the color by 10%, you get **165.6800, -111.8640, -43.1920**, and if you desaturate by 10%, it is **179.0640, -86.2820, -33.2420**.

Distribution



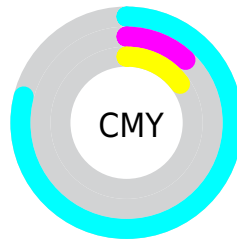
- Red (21%)
- Green (88%)
- Blue (85%)



- Red (21%)
- Yellow (55%)
- Blue (88%)



- Cyan (76%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (79%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.3720, -99.0730, -38.2170 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 172.3720, -99.0730, -38.2170 by changing the saturation by 10% instead.

■ 172.3720,
-99.0730, -38.2170

■ 172.3720,
-99.0730, -38.2170

■ 255.0000, -0.0000,
-0.0000

■ 136.5980,
-114.5690, -43.7290

■ 217.0270,
-75.6920, -26.9240

■ 117.0840,
-98.2020, -37.4820

■ 226.8940,
-56.0240, -19.9280

■ 98.2710, -82.4310,
-31.4470

■ 236.1630,
-37.5480, -13.3560

■ 80.1590, -67.2560,
-25.6240

■ 245.4320,
-19.0720, -6.7840

■ 62.0470, -52.0810,
-19.8010

■ 45.3370, -38.0980,
-14.4020

■ 29.9150, -24.9860,

-9.7380

■ 8.3780, -9.8120,
1.6120

■ 0.0000, 0.0000,
0.0000

■ 172.3720,
-99.0730, -38.2170

■ 172.3720,
-99.0730, -38.2170

■ 165.6800,
-111.8640, -43.1920

■ 179.0640,
-86.2820, -33.2420

■ 158.6890,
-125.2510, -48.3790

■ 186.0550,
-72.8950, -28.0550

■ 155.9980,
-130.6150, -50.2870

■ 192.7470,
-60.1040, -23.0800

■ 199.7380,
-46.7170, -17.8930

■ 206.4300,
-33.9260, -12.9180

■ 213.1220,
-21.1350, -7.9430

■ 220.1130, -7.7480,
-2.7560

■ 226.6910, 5.3640,
1.9080

■ 233.3830, 18.1550,
6.8830

Harmonies

Analogous

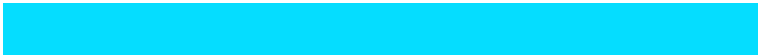
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.2470, -47.4930, -36.8770



172.3720, -99.0730, -38.2170



160.2920, -139.6500, -35.2180

Triad

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



172.3720, -99.0730, -38.2170



206.1250, 2.2870, 30.1510



201.4160, 56.9460, -7.8060

Complementary

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



172.3720, -99.0730, -38.2170



105.6280, 99.0730, 38.2170

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.



197.2440, 55.1550, 8.1390



172.3720, -99.0730, -38.2170



204.4890, 30.6210, 34.2770

Square

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



172.3720, -99.0730, -38.2170



197.2890, -37.0020, 9.7980



197.4670, 44.8820, 23.6180



198.1150, 32.3280, -24.2160

Rectangle

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



172.3720, -99.0730, -38.2170



176.7810, -101.0020, -19.7700



197.4670, 44.8820, 23.6180



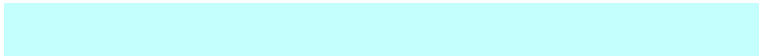
200.3610, 58.7790, -2.4770

Sweetspot

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



172.3720, -99.0730, -38.2170



237.1310, -34.5220, -13.1300



156.1820, -41.9820, -87.2140



117.0080, -20.8140, -8.2540



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.



172.3720, -99.0730, -38.2170



184.4920, -135.0620, -52.2940



127.9710, -80.1450, 4.2310



108.7110, -6.5560, -2.3320



122.5780, -102.6490, -39.4890



33.4200, -27.9660, -10.7980

Inverse Universe

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



105.6280, 99.0730, 38.2170



93.5080, 135.0620, 52.2940



149.4420, 80.4200, -3.7080



104.2890, 6.5560, 2.3320



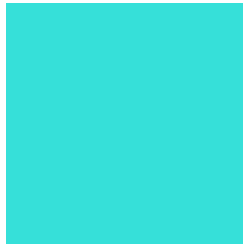
53.4220, 102.6490, 39.4890



14.5800, 27.9660, 10.7980

Previews

White Background



This preview shows how the YIQ color 172.3720, -99.0730, -38.2170 looks on a white background.

Color Contrast Check

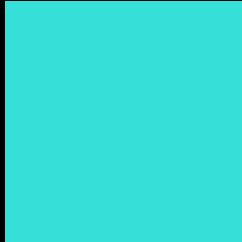
Large Text (above 18pt) WCAG AA × Fail

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 172.3720, -99.0730, -38.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

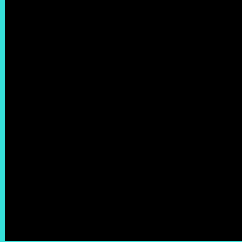
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

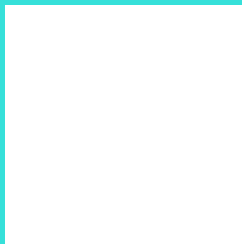
Any Text WCAG AAA ✓ Pass

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

YIQ 172.3720, -99.0730, -38.2170 Background



This preview shows how black text looks on a background with the YIQ color 172.3720, -99.0730, -38.2170.



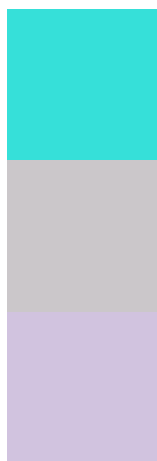
This preview shows how white text looks on a background with the YIQ color 172.3720, -99.0730, -38.2170.

-38.2170.

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

172.3720, -99.0730, -38.2170

Protanopia

200.5380, 1.4210, 1.7810

Deuteranopia

202.3780, -0.6440, 11.6760



Tritanopia

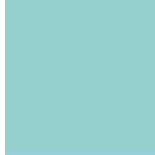
177.6040, -96.3700, -26.6260

Trichromacy



Original Color

172.3720, -99.0730, -38.2170



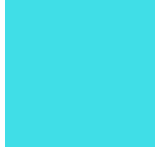
Protanomaly

190.2450, -34.8430, -12.8190



Deuteranomaly

191.8630, -36.4030, -6.5710



Tritanomaly

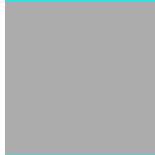
175.7840, -97.0570, -30.6970

Monochromacy



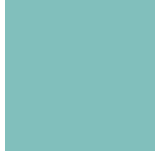
Original Color

172.3720, -99.0730, -38.2170



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.1200, -35.9890, -14.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3720, -99.0730, -38.2170 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(54, 224, 217)` looks like.

```
.text, #text, p{  
    color:rgb(54, 224, 217)  
}
```

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(54, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 224, 217) }
```

Border

The CSS property to change the border of an element to YIQ 172.3720, -99.0730, -38.2170 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(54, 224, 217) }
```


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

```
.border{ border-color:rgb(54, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(54, 224,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3720, -99.0730, -38.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 224, 217) }
```

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

```
.background{ background-color: rgb(54, 224,  
217) }
```

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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