

Converting Colors

YIQ(139.0740, -118.6050,
-36.6610)

Have a look what the booklet for
YIQ(139.0740, -118.6050, -36.6610)
contains.

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Color

**YIQ(139.0740, -118.6050,
-36.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	03C3D0
RGB	3, 195, 208
RGB Percent	1%, 76%, 82%
CMY	0.9885, 0.2350, 0.1848
CMYK	0.99, 0.06, 0.00, 0.18
HSL	184°, 97%, 41%
HSV	184°, 99%, 82%
XYZ	30.9394, 43.6331, 66.3868
YIQ	139.0740, -118.6050, -36.6610

Conversions

Conversions Part 2

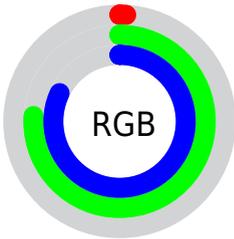
Format	Color
RYB	3, 102, 208
Decimal	246736
CIELab	71.98, -35.29, -17.90
CIELCh	72, 39.565, 206.895
Yxy	43.6331, 0.2195, 0.3095
Android (android.graphics.Color)	4278436816 (0xFF03C3D0)
YUV	139.0740, 33.9805, -119.3369
Hunter-Lab	66.0553, -31.9899, -13.3488

Details

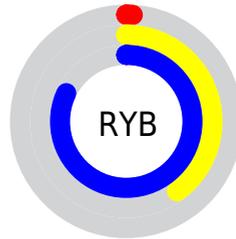
The YIQ color **139.0740, -118.6050, -36.6610** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **71.9260, 118.6050, 36.6610**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6880, -87.9790, -30.0190**, and **100.3230, -88.2090, -25.8490** is the 20% darker color. If you saturate the color by 10%, you get **138.1770, -120.3930, -37.2970**, and if you desaturate by 10%, it is **145.9400, -106.3640, -32.7320**.

Distribution



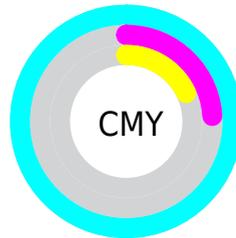
- Red (1%)
- Green (76%)
- Blue (82%)



- Red (1%)
- Yellow (40%)
- Blue (82%)



- Cyan (99%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.0740, -118.6050, -36.6610 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 139.0740, -118.6050, -36.6610 by changing the saturation by 10% instead.

■ 139.0740,
-118.6050, -36.6610

■ 139.0740,
-118.6050, -36.6610

■ 255.0000, -0.0000,
-0.0000

■ 119.1360,
-103.9800, -31.8840

■ 208.6880,
-87.9790, -30.0190

■ 100.3230,
-88.2090, -25.8490

■ 220.3160,
-69.1360, -24.5920

■ 82.0970, -72.7130,
-20.3370

■ 229.8840,
-50.0640, -17.8080

■ 64.5720, -57.8130,
-15.0370

■ 239.1530,
-31.5880, -11.2360

■ 47.0470, -42.9130,
-9.7370

■ 248.4220,
-13.1120, -4.6640

■ 31.6250, -29.8010,
-5.0730

■ 12.6810, -15.0390,

2.7290

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 139.0740,
-118.6050, -36.6610

■ 139.0740,
-118.6050, -36.6610

■ 138.1770,
-120.3930, -37.2970

■ 145.9400,
-106.3640, -32.7320

■ 153.3930,
-94.3980, -29.3260

■ 159.9600,
-82.7530, -25.6090

■ 166.8260,
-70.5120, -21.6800

■ 174.2790,
-58.5460, -18.2740

■ 181.1450,
-46.3050, -14.3450

■ 187.7120,
-34.6600, -10.6280

■ 194.5780,
-22.4190, -6.6990

■ 202.0310,
-10.4530, -3.2930

Harmonies

Analogous

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



156.0850, -64.4120, -33.1160



139.0740, -118.6050, -36.6610



152.1880, -100.5900, -16.2220

Triad

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



139.0740, -118.6050, -36.6610



181.3780, 17.6920, 31.8040



174.1040, 40.0290, -15.0990

Complementary

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



139.0740, -118.6050, -36.6610



71.9260, 118.6050, 36.6610

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.



176.6260, 56.7150, 1.8910



139.0740, -118.6050, -36.6610



179.9820, 45.1100, 30.5020

Square

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



139.0740, -118.6050, -36.6610



178.4150, -19.2610, 24.1870



178.8350, 58.2250, 18.5850



170.5950, 13.3010, -26.3070

Rectangle

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



139.0740, -118.6050, -36.6610



164.7450, -73.8170, -0.3210



178.8350, 58.2250, 18.5850



175.2730, 47.0430, -10.0530

Sweetspot

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



139.0740, -118.6050, -36.6610



229.3410, -43.9210, -13.4970



124.4750, -59.5850, -104.1050



112.4850, -26.5910, -8.1830



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.



139.0740, -118.6050, -36.6610



169.3630, -147.5800, -45.6920



80.3740, -91.1050, 15.6390



101.1240, -6.2810, -1.8090



111.8980, -97.3780, -30.3860



26.9800, -23.6110, -7.1230

Inverse Universe

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



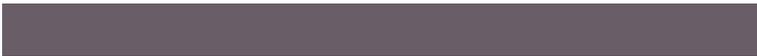
86.1830, 60.5480, 103.1720



103.4910, 75.2610, 128.3890



130.6260, 91.1050, -15.6390



98.4290, 3.3460, 5.4420



68.2440, 49.4100, 84.7540



16.5910, 12.2380, 20.5100

Previews

White Background



This preview shows how the YIQ color 139.0740, -118.6050, -36.6610 looks on a white background.

Color Contrast Check

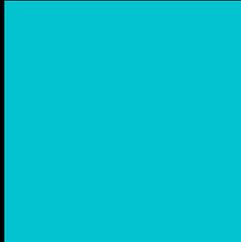
Large Text (above 18pt) WCAG AA × Fail

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 139.0740, -118.6050, -36.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

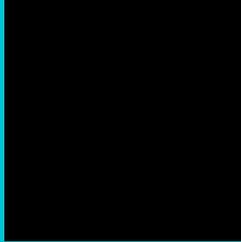
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

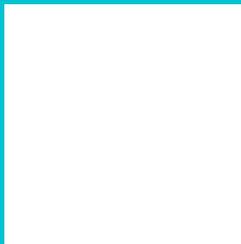
Any Text WCAG AAA ✓ Pass

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

YIQ 139.0740, -118.6050, -36.6610 Background



This preview shows how black text looks on a background with the YIQ color 139.0740, -118.6050, -36.6610.



This preview shows how white text looks on a background with the YIQ color 139.0740, -118.6050, -36.6610.

-36.6610.

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

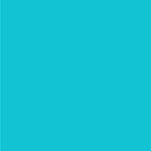
139.0740, -118.6050, -36.6610

Protanopia

175.9810, -7.0160, 6.0080

Deuteranopia

176.3860, -12.2900, 13.4860



Tritanopia

143.6020, -111.2240, -32.7600

Trichromacy



Original Color

139.0740, -118.6050, -36.6610

Protanomaly

162.7090, -47.7730, -9.7650

Deuteranomaly

162.9030, -51.0750, -4.9870

Tritanomaly

141.9930, -113.8830, -34.1310

Monochromacy



Original Color

139.0740, -118.6050, -36.6610

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9390, -42.7290, -13.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.0740, -118.6050, -36.6610 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(3, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(3, 195, 208)  
}
```

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(3, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 195, 208) }
```

Border

The CSS property to change the border of an element to YIQ 139.0740, -118.6050, -36.6610 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(3, 195, 208) }
```

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

```
.border{ border-color:rgb(3, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(3, 195,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 139.0740, -118.6050, -36.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 195, 208) }
```

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

```
.background{ background-color: rgb(3, 195,  
208) }
```

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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