

Converting Colors

YIQ(138.4890, -112.6440,
-40.0680)

Have a look what the booklet for
YIQ(138.4890, -112.6440, -40.0680)
contains.

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Color

**YIQ(138.4890, -112.6440,
-40.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	06C3C3
RGB	6, 195, 195
RGB Percent	2%, 76%, 76%
CMY	0.9768, 0.2350, 0.2357
CMYK	0.97, 0.00, 0.00, 0.23
HSL	180°, 94%, 39%
HSV	180°, 97%, 77%
XYZ	29.4440, 43.0388, 58.3177
YIQ	138.4890, -112.6440, -40.0680

Conversions

Conversions Part 2

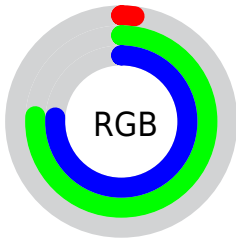
Format	Color
RYB	6, 101, 195
Decimal	443331
CIELab	71.58, -39.19, -11.42
CIELCh	72, 40.819, 196.245
Yxy	43.0388, 0.2251, 0.3290
Android (android.graphics.Color)	4278633411 (0xFF06C3C3)
YUV	138.4890, 27.8599, -116.1929
Hunter-Lab	65.6040, -34.6935, -6.7822

Details

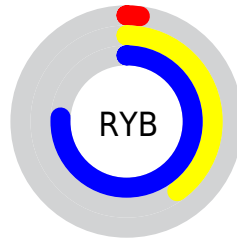
The YIQ color **138.4890, -112.6440, -40.0680** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **62.5110, 112.6440, 40.0680**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9330, -87.2910, -31.4750**, and **98.8410, -84.0360, -29.8920** is the 20% darker color. If you saturate the color by 10%, you get **136.6950, -116.2200, -41.3400**, and if you desaturate by 10%, it is **144.1700, -101.3200, -36.0400**.

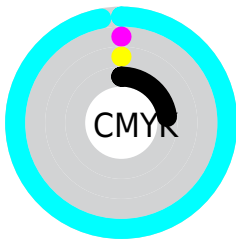
Distribution



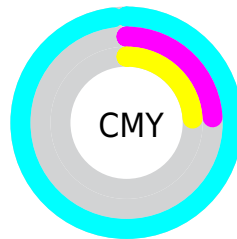
- Red (2%)
- Green (76%)
- Blue (76%)



- Red (2%)
- Yellow (40%)
- Blue (76%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (98%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.4890, -112.6440, -40.0680 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 138.4890, -112.6440, -40.0680 by changing the saturation by 10% instead.

■ 138.4890,
-112.6440, -40.0680

■ 138.4890,
-112.6440, -40.0680

■ 255.0000, -0.0000,
-0.0000

■ 117.1810,
-99.8530, -35.0930

■ 207.9330,
-87.2910, -31.4750

■ 98.8410, -84.0360,
-29.8920

■ 220.0170,
-69.7320, -24.8040

■ 80.1420, -68.5860,
-23.5460

■ 229.2860,
-51.2560, -18.2320

■ 62.6170, -53.6860,
-18.2460

■ 238.5550,
-32.7800, -11.6600

■ 45.9070, -39.7030,
-12.8470

■ 247.8240,
-14.3040, -5.0880

■ 30.4850, -26.5910,
-8.1830

■ 10.0080, -11.6460,

1.8100

■ 0.0000, 0.0000,
0.0000

■ 138.4890,
-112.6440, -40.0680

■ 138.4890,
-112.6440, -40.0680

■ 136.6950,
-116.2200, -41.3400

■ 144.1700,
-101.3200, -36.0400

■ 150.1500,
-89.4000, -31.8000

■ 155.8310,
-78.0760, -27.7720

■ 161.8110,
-66.1560, -23.5320

■ 167.4920,
-54.8320, -19.5040

■ 173.4720,
-42.9120, -15.2640

■ 179.1530,
-31.5880, -11.2360

■ 185.1330,
-19.6680, -6.9960

■ 191.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



157.9740, -50.9780, -34.2900



138.4890, -112.6440, -40.0680



138.6960, -125.9880, -29.5080

Triad

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



138.4890, -112.6440, -40.0680



179.9190, 5.8630, 31.4230



173.7570, 48.5560, -9.9400

Complementary

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



138.4890, -112.6440, -40.0680



62.5110, 112.6440, 40.0680

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.



175.8810, 60.6110, 8.3790



138.4890, -112.6440, -40.0680



179.8550, 38.2780, 33.1740

Square

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



138.4890, -112.6440, -40.0680



175.1680, -34.8030, 19.5090



178.2250, 57.3070, 24.2110



170.8090, 24.4420, -24.4700

Rectangle

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



138.4890, -112.6440, -40.0680



155.4110, -93.6680, -9.5080



178.2250, 57.3070, 24.2110



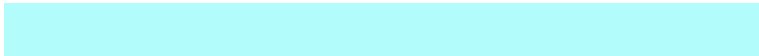
174.9690, 54.0110, -4.1730

Sweetspot

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



138.4890, -112.6440, -40.0680



230.1730, -43.5080, -15.4760



117.8400, -50.1870, -98.2110



114.4310, -26.4990, -9.8510



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.



138.4890, -112.6440, -40.0680



176.6520, -150.1920, -53.4240



85.0720, -87.6190, 7.5250



94.0100, -5.9600, -2.1200



112.7470, -95.6350, -34.4430



23.1330, -19.6680, -6.9960

Inverse Universe

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



62.5110, 112.6440, 40.0680



75.3480, 150.1920, 53.4240



115.9280, 87.6190, -7.5250



89.9900, 5.9600, 2.1200



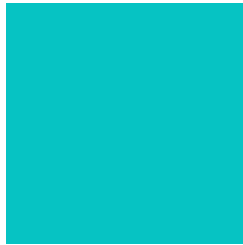
48.1390, 95.9560, 34.1320



9.8670, 19.6680, 6.9960

Previews

White Background



This preview shows how the YIQ color 138.4890, -112.6440, -40.0680 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 138.4890, -112.6440, -40.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

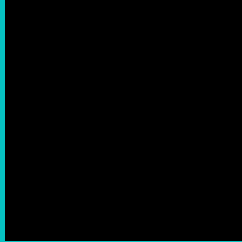
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

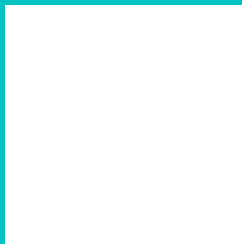
Any Text WCAG AAA ✓ Pass

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

YIQ 138.4890, -112.6440, -40.0680 Background



This preview shows how black text looks on a background with the YIQ color 138.4890, -112.6440, -40.0680.



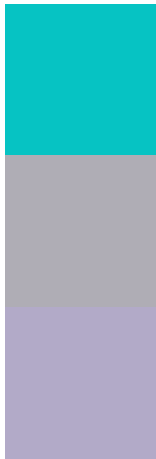
This preview shows how white text looks on a background with the YIQ color 138.4890, -112.6440, -40.0680.

-40.0680.

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

138.4890, -112.6440, -40.0680

Protanopia

174.5100, -1.3760, 2.9120

Deuteranopia

175.8120, -4.8620, 11.0260



Tritanopia

147.8810, -98.7080, -28.3080

Trichromacy



Original Color

138.4890, -112.6440, -40.0680

Protanomaly

161.5370, -41.5370, -12.6490

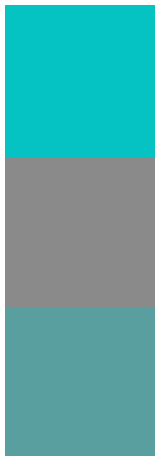
Deuteranomaly

162.0300, -44.2430, -7.6590

Tritanomaly

144.6090, -103.9340, -32.7180

Monochromacy



Original Color

138.4890, -112.6440, -40.0680

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3690, -41.1240, -14.6280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4890, -112.6440, -40.0680 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(6, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(6, 195, 195)  
}
```

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(6, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 195, 195) }
```

Border

The CSS property to change the border of an element to YIQ 138.4890, -112.6440, -40.0680 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(6, 195, 195) }
```


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

```
.border{ border-color:rgb(6, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(6, 195,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4890, -112.6440, -40.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 195, 195) }
```

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

```
.background{ background-color: rgb(6, 195,  
195) }
```

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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