

Converting Colors

YIQ(140.0740, -110.5780,
-55.4900)

Have a look what the booklet for
YIQ(140.0740, -110.5780, -55.4900)
contains.

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Color

**YIQ(140.0740, -110.5780,
-55.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	00CEA8
RGB	0, 206, 168
RGB Percent	0%, 81%, 66%
CMY	0.9999, 0.1918, 0.3416
CMYK	1.00, 0.00, 0.19, 0.19
HSL	169°, 100%, 40%
HSV	169°, 100%, 81%
XYZ	29.1503, 47.0075, 44.5318
YIQ	140.0740, -110.5780, -55.4900

Conversions

Conversions Part 2

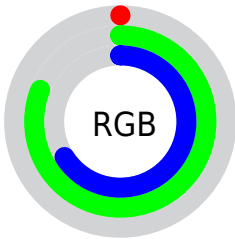
Format	Color
RYB	0, 113, 206
Decimal	52904
CIELab	74.19, -51.58, 7.05
CIELCh	74, 52.062, 172.216
Yxy	47.0075, 0.2415, 0.3895
Android (android.graphics.Color)	4278242984 (0xFF00CEA8)
YUV	140.0740, 13.7675, -122.8449
Hunter-Lab	68.5620, -44.0913, 9.4839

Details

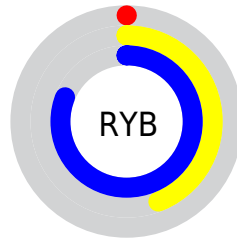
The YIQ color **140.0740, -110.5780, -55.4900** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **65.9260, 110.5780, 55.4900**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9040, -80.3200, -42.1760**, and **101.2740, -78.4860, -42.3740** is the 20% darker color. If you saturate the color by 10%, you get **140.0740, -110.5780, -55.4900**, and if you desaturate by 10%, it is **146.8090, -99.3460, -49.7940**.

Distribution



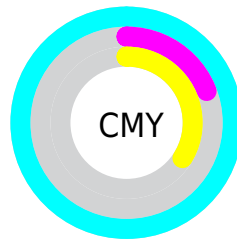
- Red (0%)
- Green (81%)
- Blue (66%)



- Red (0%)
- Yellow (44%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.0740, -110.5780, -55.4900 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 140.0740, -110.5780, -55.4900 by changing the saturation by 10% instead.

■ 140.0740,
-110.5780, -55.4900

■ 140.0740,
-110.5780, -55.4900

■ 255.0000, -0.0000,
-0.0000

■ 120.5600,
-94.2110, -49.2430

■ 205.9040,
-80.3200, -42.1760

■ 101.8610,
-78.7610, -42.8970

■ 219.0770,
-69.9610, -26.1610

■ 83.1620, -63.3110,
-36.5510

■ 228.9870,
-51.8520, -18.4440

■ 65.2780, -48.7780,
-30.1060

■ 238.2560,
-33.3760, -11.8720

■ 48.0950, -34.8410,
-23.8730

■ 247.5250,
-14.9000, -5.3000

■ 32.2000, -21.7750,
-18.3750

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 140.0740,
-110.5780, -55.4900

■ 146.8090,
-99.3460, -49.7940

■ 153.2450,
-88.7100, -44.3100

■ 159.8660,
-77.1570, -38.9250

■ 166.3020,
-66.5210, -33.4410

■ 173.0370,
-55.2890, -27.7450

■ 179.7720,
-44.0570, -22.0490

■ 186.2080,
-33.4210, -16.5650

■ 192.8290,
-21.8680, -11.1800

■ 199.5640,
-10.6360, -5.4840

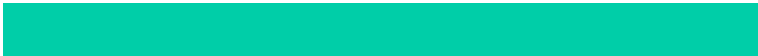
Harmonies

Analogous

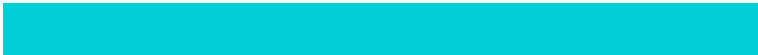
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.4760, -23.5130, -41.9530



140.0740, -110.5780, -55.4900



146.2470, -126.5820, -40.7740

Triad

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



140.0740, -110.5780, -55.4900



181.4290, -31.0440, 22.9720



181.3030, 73.8620, 5.0140

Complementary

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



140.0740, -110.5780, -55.4900



65.9260, 110.5780, 55.4900

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.



178.3460, 64.2760, 24.5640



140.0740, -110.5780, -55.4900



187.9300, 16.4980, 42.4340

Square

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



140.0740, -110.5780, -55.4900



159.1270, -98.6200, -7.8680



183.2310, 49.1430, 40.0150



178.7930, 56.9020, -18.0260

Rectangle

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



140.0740, -110.5780, -55.4900



147.6780, -134.7450, -30.4970



183.2310, 49.1430, 40.0150



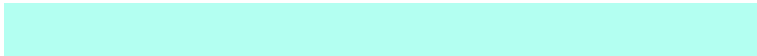
179.7360, 71.3850, 11.3610

Sweetspot

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



140.0740, -110.5780, -55.4900



230.6800, -40.8020, -20.4660



133.1810, -32.2140, -99.0460



113.2200, -24.5270, -12.5510



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.



140.0740, -110.5780, -55.4900



173.3970, -136.8930, -68.6770



108.0120, -105.7260, -11.2460



98.7820, -5.3180, -2.7420



112.8320, -88.9850, -44.8330



25.8400, -20.4010, -10.2330

Inverse Universe

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



65.9260, 110.5780, 55.4900



81.6030, 136.8930, 68.6770



97.9880, 105.7260, 11.2460



95.2180, 5.3180, 2.7420



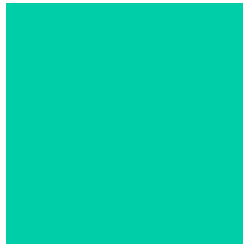
53.1680, 88.9850, 44.8330



12.1600, 20.4010, 10.2330

Previews

White Background



This preview shows how the YIQ color 140.0740, -110.5780, -55.4900 looks on a white background.

Color Contrast Check

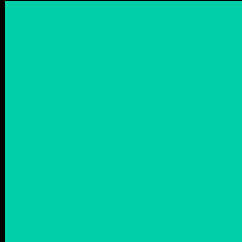
Large Text (above 18pt) WCAG AA × Fail

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 140.0740, -110.5780, -55.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

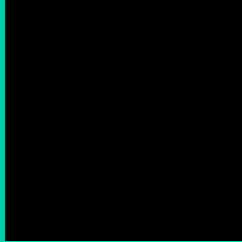
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

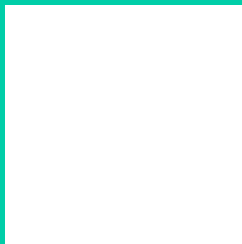
Any Text WCAG AAA ✓ Pass

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

YIQ 140.0740, -110.5780, -55.4900 Background



This preview shows how black text looks on a background with the YIQ color 140.0740, -110.5780, -55.4900.



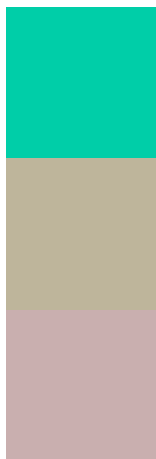
This preview shows how white text looks on a background with the YIQ color 140.0740, -110.5780, -55.4900.

-55.4900.

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

140.0740, -110.5780, -55.4900

Protanopia

180.7270, 13.7100, -6.1780

Deuteranopia

182.7740, 15.4960, 5.5120



Tritanopia

160.2630, -87.9800, -24.4920

Trichromacy



Original Color

140.0740, -110.5780, -55.4900



Protanomaly

165.9490, -31.4940, -23.9580



Deuteranomaly

167.0620, -30.0740, -16.6500



Tritanomaly

152.9210, -96.1850, -35.4890

Monochromacy



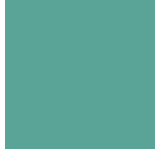
Original Color

140.0740, -110.5780, -55.4900



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.9790, -40.2060, -20.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0740, -110.5780, -55.4900 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(0, 206, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 168)  
}
```

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(0, 206, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 168) }
```

Border

The CSS property to change the border of an element to YIQ 140.0740, -110.5780, -55.4900 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(0, 206, 168) }
```


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

```
.border{ border-color:rgb(0, 206, 168) }
```

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

Here you see how a box with a 4 pixel rgb(0, 206, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0740, -110.5780, -55.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 168) }
```

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

```
.background{ background-color: rgb(0, 206,  
168) }
```

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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