

Converting Colors

YIQ(135.6690, -113.3310,
-44.1390)

Have a look what the booklet for
YIQ(135.6690, -113.3310, -44.1390)
contains.

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Color

**YIQ(135.6690, -113.3310,
-44.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3BA
RGB	0, 195, 186
RGB Percent	0%, 76%, 73%
CMY	0.9999, 0.2350, 0.2710
CMYK	1.00, 0.00, 0.05, 0.23
HSL	177°, 100%, 38%
HSV	177°, 100%, 77%
XYZ	28.3844, 42.6073, 53.1195
YIQ	135.6690, -113.3310, -44.1390

Conversions

Conversions Part 2

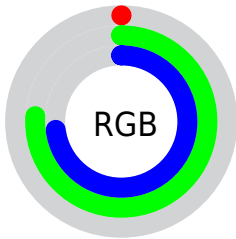
Format	Color
RYB	0, 100, 195
Decimal	50106
CIELab	71.29, -42.03, -6.95
CIELCh	71, 42.602, 189.387
Yxy	42.6073, 0.2287, 0.3433
Android (android.graphics.Color)	4278240186 (0xFF00C3BA)
YUV	135.6690, 24.8132, -118.9817
Hunter-Lab	65.2743, -36.6096, -2.5575

Details

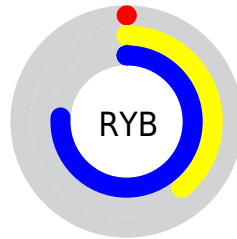
The YIQ color **135.6690, -113.3310, -44.1390** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **59.3310, 113.3310, 44.1390**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3090, -85.5940, -34.6980**, and **97.3420, -81.1930, -31.8570** is the 20% darker color. If you saturate the color by 10%, you get **135.6690, -113.3310, -44.1390**, and if you desaturate by 10%, it is **141.7630, -101.7320, -39.5880**.

Distribution



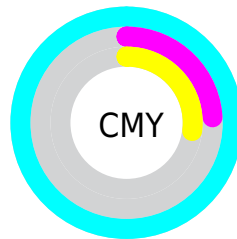
- Red (0%)
- Green (76%)
- Blue (73%)



- Red (0%)
- Yellow (39%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (100%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6690, -113.3310, -44.1390 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 135.6690, -113.3310, -44.1390 by changing the saturation by 10% instead.

■ 135.6690,
-113.3310, -44.1390

■ 135.6690,
-113.3310, -44.1390

■ 255.0000, -0.0000,
-0.0000

■ 116.1550,
-96.9640, -37.8920

■ 206.3090,
-85.5940, -34.6980

■ 97.3420, -81.1930,
-31.8570

■ 219.1200,
-71.5200, -25.4400

■ 79.2300, -66.0180,
-26.0340

■ 228.6880,
-52.4480, -18.6560

■ 61.8190, -51.4390,
-20.4230

■ 237.9570,
-33.9720, -12.0840

■ 44.5220, -37.1810,
-14.5010

■ 247.2260,
-15.4960, -5.5120

■ 29.6870, -24.3440,
-10.3600

■ 8.0360, -8.8490,

0.6790

■ 0.0000, 0.0000,
0.0000

■ 135.6690,
-113.3310, -44.1390

■ 141.7630,
-101.7320, -39.5880

■ 147.5580,
-90.7290, -35.2490

■ 153.6520,
-79.1300, -30.6980

■ 159.4470,
-68.1270, -26.3590

■ 165.4270,
-56.2070, -22.1190

■ 171.2220,
-45.2040, -17.7800

■ 177.3160,
-33.6050, -13.2290

■ 183.1110,
-22.6020, -8.8900

■ 189.2050,
-11.0030, -4.3390

Harmonies

Analogous

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



158.3400, -43.3210, -35.3930



135.6690, -113.3310, -44.1390



138.7130, -124.6580, -31.5860

Triad

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



135.6690, -113.3310, -44.1390



178.7160, -3.8110, 30.5330



173.6870, 54.7450, -6.4630

Complementary

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



135.6690, -113.3310, -44.1390



59.3310, 113.3310, 44.1390

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.



175.4840, 63.4070, 12.7750



135.6690, -113.3310, -44.1390



179.6850, 33.0050, 35.1250

Square

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



135.6690, -113.3310, -44.1390



171.4160, -47.3650, 15.8910



177.6750, 56.1600, 28.4800



170.1690, 32.2360, -22.5480

Rectangle

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



135.6690, -113.3310, -44.1390



138.3030, -129.0150, -24.2070



177.6750, 56.1600, 28.4800



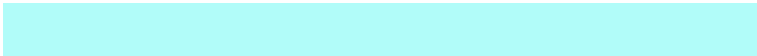
174.2410, 59.2370, 0.2370

Sweetspot

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



135.6690, -113.3310, -44.1390



229.2330, -43.7370, -16.8330



117.4550, -47.6650, -99.8650



113.9040, -26.4530, -10.6850



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.



135.6690, -113.3310, -44.1390



175.3980, -146.6610, -56.8450



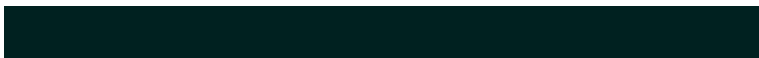
85.0390, -92.0200, 4.6840



93.8960, -5.6390, -2.4310



111.9490, -93.3880, -36.6200



23.0190, -19.3470, -7.3070

Inverse Universe

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



59.3310, 113.3310, 44.1390



76.7160, 146.3400, 57.1560



109.9610, 92.0200, -4.6840



90.1040, 5.6390, 2.4310



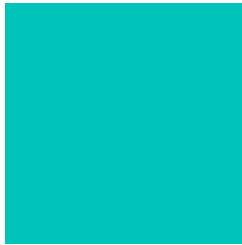
49.0510, 93.3880, 36.6200



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 135.6690, -113.3310, -44.1390 looks on a white background.

Color Contrast Check

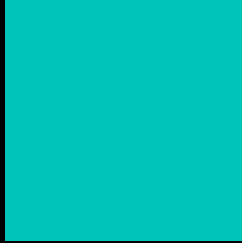
Large Text (above 18pt) WCAG AA × Fail

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 135.6690, -113.3310, -44.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

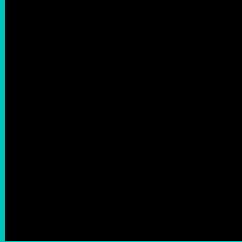
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

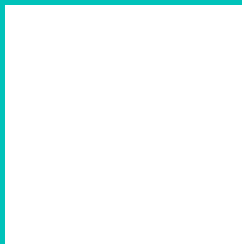
Any Text WCAG AAA ✓ Pass

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

YIQ 135.6690, -113.3310, -44.1390 Background



This preview shows how black text looks on a background with the YIQ color 135.6690, -113.3310, -44.1390.

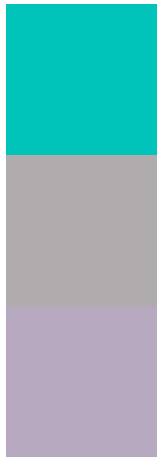


This preview shows how white text looks on a background with the YIQ color 135.6690, -113.3310, -44.1390.

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

135.6690, -113.3310, -44.1390

Protanopia

173.3100, 2.0630, 1.1590

Deuteranopia

175.5090, 0.3650, 9.9090



Tritanopia

149.1590, -93.6190, -26.9230

Trichromacy



Original Color

135.6690, -113.3310, -44.1390



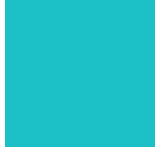
Protanomaly

159.4400, -39.8860, -15.0380



Deuteranomaly

160.8300, -40.8040, -9.4120



Tritanomaly

144.0500, -100.8620, -33.3260

Monochromacy



Original Color

135.6690, -113.3310, -44.1390



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.7280, -40.7570, -15.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6690, -113.3310, -44.1390 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, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 186)  
}
```

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, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 186) }
```

Border

The CSS property to change the border of an element to YIQ 135.6690, -113.3310, -44.1390 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, 195, 186) }
```


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

```
.border{ border-color:rgb(0, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6690, -113.3310, -44.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 186) }
```

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

```
.background{ background-color: rgb(0, 195,  
186) }
```

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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