

Converting Colors

YIQ(134.0560, -110.1670,
-46.4150)

Have a look what the booklet for
YIQ(134.0560, -110.1670, -46.4150)
contains.

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Color

**YIQ(134.0560, -110.1670,
-46.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2B1
RGB	0, 194, 177
RGB Percent	0%, 76%, 69%
CMY	0.9999, 0.2389, 0.3063
CMYK	1.00, 0.00, 0.09, 0.24
HSL	175°, 100%, 38%
HSV	175°, 100%, 76%
XYZ	27.2350, 41.7899, 48.1693
YIQ	134.0560, -110.1670, -46.4150

Conversions

Conversions Part 2

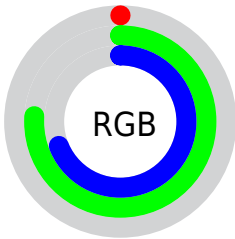
Format	Color
RYB	0, 101, 194
Decimal	49841
CIELab	70.73, -44.18, -2.87
CIELCh	71, 44.276, 183.712
Yxy	41.7899, 0.2324, 0.3566
Android (android.graphics.Color)	4278239921 (0xFF00C2B1)
YUV	134.0560, 21.1714, -117.5671
Hunter-Lab	64.6451, -37.9269, 1.0725

Details

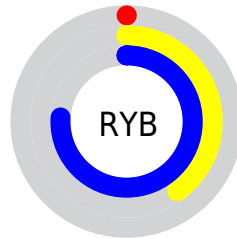
The YIQ color **134.0560, -110.1670, -46.4150** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **59.9440, 110.1670, 46.4150**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3970, -83.0260, -37.1860**, and **95.8430, -78.3500, -33.8220** is the 20% darker color. If you saturate the color by 10%, you get **134.0560, -110.1670, -46.4150**, and if you desaturate by 10%, it is **139.9650, -99.4850, -41.7650**.

Distribution



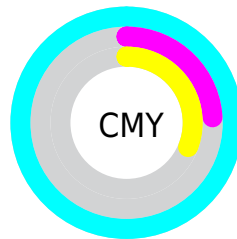
- Red (0%)
- Green (76%)
- Blue (69%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.0560, -110.1670, -46.4150 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 134.0560, -110.1670, -46.4150 by changing the saturation by 10% instead.

■ 134.0560,
-110.1670, -46.4150

■ 134.0560,
-110.1670, -46.4150

■ 255.0000, -0.0000,
-0.0000

■ 114.5420,
-93.8000, -40.1680

■ 204.2830,
-82.7050, -37.4970

■ 95.7290, -78.0290,
-34.1330

■ 218.8210,
-72.1160, -25.6520

■ 77.7310, -63.1750,
-27.9990

■ 228.0900,
-53.6400, -19.0800

■ 60.3200, -48.5960,
-22.3880

■ 237.3590,
-35.1640, -12.5080

■ 43.0230, -34.3380,
-16.4660

■ 246.6280,
-16.6880, -5.9360

■ 28.3020, -21.8220,
-12.0140

■ 3.9610, -4.2640,

0.1840

■ 0.0000, 0.0000,
0.0000

■ 134.0560,
-110.1670, -46.4150

■ 139.9650,
-99.4850, -41.7650

■ 146.0590,
-87.8860, -37.2140

■ 151.9680,
-77.2040, -32.5640

■ 158.1760,
-65.9260, -27.7020

■ 163.9710,
-54.9230, -23.3630

■ 169.8800,
-44.2410, -18.7130

■ 176.0880,
-32.9630, -13.8510

■ 181.9970,
-22.2810, -9.2010

■ 188.0910,
-10.6820, -4.6500

Harmonies

Analogous

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



157.5210, -36.5810, -36.3970



134.0560, -110.1670, -46.4150



137.9150, -122.4110, -33.7630

Triad

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



134.0560, -110.1670, -46.4150



176.8830, -11.6510, 29.4450



172.1330, 59.4210, -3.0990

Complementary

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



134.0560, -110.1670, -46.4150



59.9440, 110.1670, 46.4150

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.



173.7880, 65.6070, 16.9590



134.0560, -110.1670, -46.4150



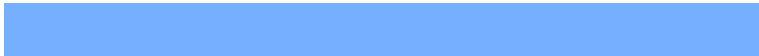
177.9880, 27.7780, 36.2420

Square

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



134.0560, -110.1670, -46.4150



166.8490, -59.0100, 12.1740



176.0110, 55.3340, 32.4380



169.0450, 38.5170, -20.7390

Rectangle

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



134.0560, -110.1670, -46.4150



137.9610, -128.0520, -25.1400



176.0110, 55.3340, 32.4380



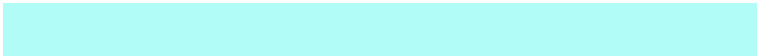
172.5020, 62.9960, 3.7000

Sweetspot

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



134.0560, -110.1670, -46.4150



228.8910, -42.7740, -17.7660



119.5590, -42.0260, -97.4340



113.6760, -25.8110, -11.3070



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.



134.0560, -110.1670, -46.4150



174.1440, -143.1300, -60.2660



90.2080, -94.1740, -0.3340



93.8960, -5.6390, -2.4310



111.1510, -91.1410, -38.7970



22.7910, -18.7050, -7.9290

Inverse Universe

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



59.9440, 110.1670, 46.4150



77.8560, 143.1300, 60.2660



103.7920, 94.1740, 0.3340



90.1040, 5.6390, 2.4310



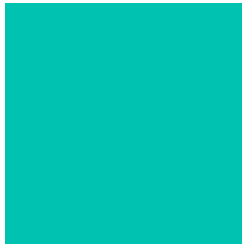
49.7350, 91.4620, 38.4860



10.2090, 18.7050, 7.9290

Previews

White Background



This preview shows how the YIQ color 134.0560, -110.1670, -46.4150 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 134.0560, -110.1670, -46.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

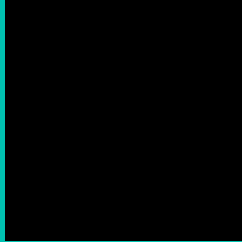
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

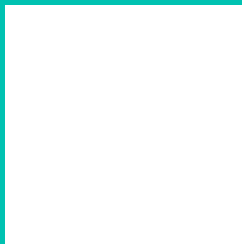
Any Text WCAG AAA ✓ Pass

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

YIQ 134.0560, -110.1670, -46.4150 Background



This preview shows how black text looks on a background with the YIQ color 134.0560, -110.1670, -46.4150.

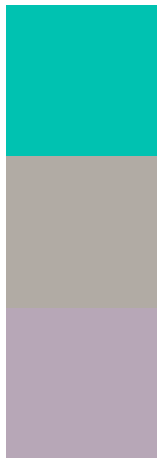


This preview shows how white text looks on a background with the YIQ color 134.0560, -110.1670, -46.4150.

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

134.0560, -110.1670, -46.4150

Protanopia

171.9960, 5.8230, -0.9050

Deuteranopia

173.6080, 4.4000, 8.3680



Tritanopia

149.2520, -89.4470, -25.4390

Trichromacy



Original Color

134.0560, -110.1670, -46.4150



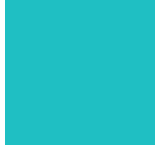
Protanomaly

158.1260, -36.1260, -17.1020



Deuteranomaly

159.2170, -37.6400, -11.6880



Tritanomaly

143.6160, -96.6440, -32.6760

Monochromacy



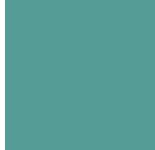
Original Color

134.0560, -110.1670, -46.4150



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

134.0870, -40.3900, -16.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.0560, -110.1670, -46.4150 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, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 177)  
}
```

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, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 177) }
```

Border

The CSS property to change the border of an element to YIQ 134.0560, -110.1670, -46.4150 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, 194, 177) }
```


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

```
.border{ border-color:rgb(0, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 134.0560, -110.1670, -46.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 177) }
```

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

```
.background{ background-color: rgb(0, 194,  
177) }
```

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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