

Converting Colors

YIQ(135.7060, -97.5580,
-49.1580)

Have a look what the booklet for
YIQ(135.7060, -97.5580, -49.1580)
contains.

YIQ(135.7060, -97.5580, -49.1580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(135.7060, -97.5580,
-49.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC2A0
RGB	12, 194, 160
RGB Percent	5%, 76%, 63%
CMY	0.9533, 0.2389, 0.3729
CMYK	0.94, 0.00, 0.18, 0.24
HSL	169°, 88%, 40%
HSV	169°, 94%, 76%
XYZ	25.7959, 41.2298, 39.8141
YIQ	135.7060, -97.5580, -49.1580

Conversions

Conversions Part 2

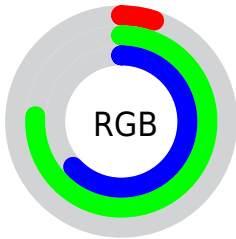
Format	Color
RYB	12, 112, 194
Decimal	836256
CIELab	70.34, -48.42, 5.84
CIElCh	70, 48.768, 173.124
Yxy	41.2298, 0.2414, 0.3859
Android (android.graphics.Color)	4279026336 (0xFF0CC2A0)
YUV	135.7060, 11.9769, -108.4902
Hunter-Lab	64.2104, -40.6576, 8.1842

Details

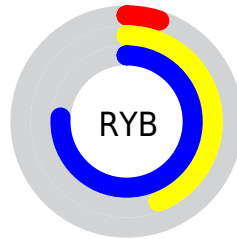
The YIQ color **135.7060, -97.5580, -49.1580** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **70.2940, 97.5580, 49.1580**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3450, -77.2480, -42.7840**, and **94.0190, -73.2140, -38.7980** is the 20% darker color. If you saturate the color by 10%, you get **131.8900, -104.0680, -52.3240**, and if you desaturate by 10%, it is **141.8430, -87.5180, -43.8860**.

Distribution



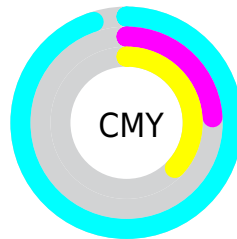
- Red (5%)
- Green (76%)
- Blue (63%)



- Red (5%)
- Yellow (44%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (95%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7060, -97.5580, -49.1580 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 135.7060, -97.5580, -49.1580 by changing the saturation by 10% instead.

■ 135.7060,
-97.5580, -49.1580

■ 135.7060,
-97.5580, -49.1580

■ 255.0000, -0.0000,
-0.0000

■ 112.7180,
-88.6640, -45.1440

■ 202.9320,
-77.5230, -43.3070

■ 94.0190, -73.2140,
-38.7980

■ 217.4530,
-68.2640, -29.3840

■ 75.9070, -58.0390,
-32.9750

■ 228.0900,
-53.6400, -19.0800

■ 58.0230, -43.5060,
-26.5300

■ 237.3590,
-35.1640, -12.5080

■ 41.4270, -29.8440,
-20.8200

■ 246.3290,
-17.2840, -6.1480

■ 26.2330, -17.3740,
-15.5340

■ 1.1740, -0.5500,

-1.0460

■ 0.0000, 0.0000,
0.0000

■ 135.7060,
-97.5580, -49.1580

■ 135.7060,
-97.5580, -49.1580

■ 131.8900,
-104.0680, -52.3240

■ 141.8430,
-87.5180, -43.8860

■ 148.1650,
-76.5610, -38.7130

■ 154.3020,
-66.5210, -33.4410

■ 160.6240,
-55.5640, -28.2680

■ 166.7610,
-45.5240, -22.9960

■ 172.8980,
-35.4840, -17.7240

■ 179.2200,
-24.5270, -12.5510

■ 185.3570,
-14.4870, -7.2790

■ 191.7930, -3.8510,
-1.7950

Harmonies

Analogous

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



157.7690, -22.7800, -38.7160



135.7060, -97.5580, -49.1580



137.2480, -119.1550, -37.7070

Triad

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



135.7060, -97.5580, -49.1580



173.0640, -31.2740, 27.1420



171.4380, 69.0480, 4.1520

Complementary

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



135.7060, -97.5580, -49.1580



70.2940, 97.5580, 49.1580

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.



172.6240, 69.3650, 25.9490



135.7060, -97.5580, -49.1580



176.9360, 16.3610, 39.4090

Square

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



135.7060, -97.5580, -49.1580



154.7630, -91.4230, -0.6310



175.2590, 51.9400, 38.8840



168.9820, 51.9960, -17.2200

Rectangle

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



135.7060, -97.5580, -49.1580



139.0380, -126.9510, -28.5750



175.2590, 51.9400, 38.8840



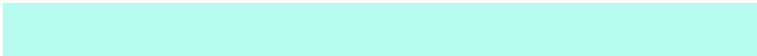
171.8500, 71.0640, 11.6720

Sweetspot

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



135.7060, -97.5580, -49.1580



229.5880, -37.5470, -18.8830



129.5980, -28.5940, -87.5540



113.8180, -23.3350, -12.1270



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.



135.7060, -97.5580, -49.1580



171.2940, -135.1050, -68.0410



107.2970, -93.3470, -9.8190



93.7820, -5.3180, -2.7420



109.4410, -86.3260, -43.4620



22.4490, -17.7420, -8.8620

Inverse Universe

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



70.2940, 97.5580, 49.1580



80.7060, 135.1050, 68.0410



98.7030, 93.3470, 9.8190



90.2180, 5.3180, 2.7420



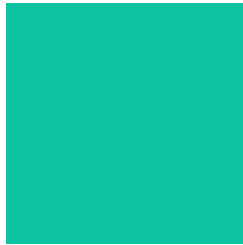
51.5590, 86.3260, 43.4620



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 135.7060, -97.5580, -49.1580 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 135.7060, -97.5580, -49.1580 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

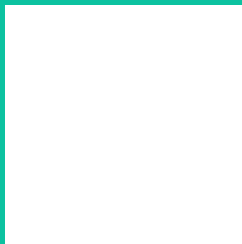
Any Text WCAG AAA ✓ Pass

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

YIQ 135.7060, -97.5580, -49.1580 Background



This preview shows how black text looks on a background with the YIQ color 135.7060, -97.5580, -49.1580.



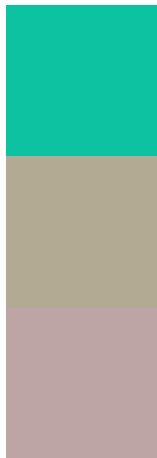
This preview shows how white text looks on a background with the YIQ color 135.7060, -97.5580, -49.1580.

-49.1580.

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

135.7060, -97.5580, -49.1580

Protanopia

170.0690, 12.7470, -5.2450

Deuteranopia

172.2900, 13.9830, 5.3990



Tritanopia

150.5410, -82.8910, -23.1070

Trichromacy



Original Color

135.7060, -97.5580, -49.1580



Protanomaly

157.6830, -27.6890, -21.3290



Deuteranomaly

159.3830, -26.5440, -14.5440



Tritanomaly

145.1070, -87.8410, -32.5210

Monochromacy



Original Color

135.7060, -97.5580, -49.1580



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.8980, -35.4840, -17.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7060, -97.5580, -49.1580 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(12, 194, 160)` looks like.

```
.text, #text, p{  
    color:rgb(12, 194, 160)  
}
```

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(12, 194, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 194, 160) }
```

Border

The CSS property to change the border of an element to YIQ 135.7060, -97.5580, -49.1580 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(12, 194, 160) }
```


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

```
.border{ border-color:rgb(12, 194, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 194, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 194, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 194, 160);  
box-shadow:4px 4px 4px 4px rgb(12, 194,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7060, -97.5580, -49.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 194, 160) }
```

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

```
.background{ background-color: rgb(12, 194,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor