

Converting Colors

YIQ(154.5840, -111.9540,
-52.5780)

Have a look what the booklet for
YIQ(154.5840, -111.9540, -52.5780)
contains.

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Color

**YIQ(154.5840, -111.9540,
-52.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	0FDBBD
RGB	15, 219, 189
RGB Percent	6%, 86%, 74%
CMY	0.9416, 0.1408, 0.2592
CMYK	0.93, 0.00, 0.14, 0.14
HSL	171°, 87%, 46%
HSV	171°, 93%, 86%
XYZ	34.7224, 54.4777, 56.7682
YIQ	154.5840, -111.9540, -52.5780

Conversions

Conversions Part 2

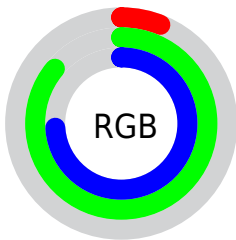
Format	Color
RYB	15, 125, 219
Decimal	1039293
CIELab	78.74, -50.93, 2.37
CIELCh	79, 50.983, 177.331
Yxy	54.4777, 0.2379, 0.3732
Android (android.graphics.Color)	4279229373 (0xFF0FDBBD)
YUV	154.5840, 16.9671, -122.4152
Hunter-Lab	73.8090, -45.1929, 6.0650

Details

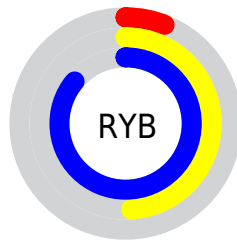
The YIQ color **154.5840, -111.9540, -52.5780** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **79.4160, 111.9540, 52.5780**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5050, -83.2100, -33.8500**, and **111.1850, -88.4810, -42.9530** is the 20% darker color. If you saturate the color by 10%, you get **149.8710, -120.2520, -56.3800**, and if you desaturate by 10%, it is **161.5040, -99.8050, -46.9810**.

Distribution



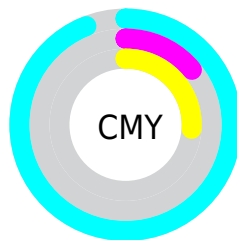
- Red (6%)
- Green (86%)
- Blue (74%)



- Red (6%)
- Yellow (49%)
- Blue (86%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (94%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.5840, -111.9540, -52.5780 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 154.5840, -111.9540, -52.5780 by changing the saturation by 10% instead.

■ 154.5840,
-111.9540, -52.5780

■ 154.5840,
-111.9540, -52.5780

■ 255.0000, -0.0000,
-0.0000

■ 130.5850,
-104.5270, -49.5110

■ 210.5050,
-83.2100, -33.8500

■ 111.1850,
-88.4810, -42.9530

■ 221.8110,
-66.1560, -23.5320

■ 92.3720, -72.7100,
-36.9180

■ 231.0800,
-47.6800, -16.9600

■ 74.3740, -57.8560,
-30.7840

■ 240.6480,
-28.6080, -10.1760

■ 56.4900, -43.3230,
-24.3390

■ 249.9170,
-10.1320, -3.6040

■ 39.3070, -29.3860,
-18.1060

■ 24.1130, -16.9160,

-12.8200

■ 0.0000, 0.0000,
0.0000

■ 154.5840,
-111.9540, -52.5780

■ 154.5840,
-111.9540, -52.5780

■ 149.8710,
-120.2520, -56.3800

■ 161.5040,
-99.8050, -46.9810

■ 168.4240,
-87.6560, -41.3840

■ 175.4580,
-75.8280, -35.4760

■ 182.3780,
-63.6790, -29.8790

■ 188.9990,
-52.1260, -24.4940

■ 195.9190,
-39.9770, -18.8970

■ 202.9530,
-28.1490, -12.9890

■ 209.8730,
-16.0000, -7.3920

■ 216.7930, -3.8510,
-1.7950

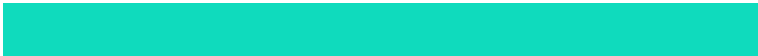
Harmonies

Analogous

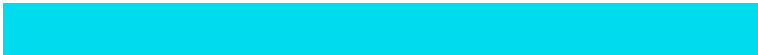
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.8710, -31.9950, -42.4190



154.5840, -111.9540, -52.5780



155.5710, -136.3020, -40.8300

Triad

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



154.5840, -111.9540, -52.5780



194.4860, -18.0230, 23.7770



191.6070, 66.8940, -0.8660

Complementary

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



154.5840, -111.9540, -52.5780



79.4160, 111.9540, 52.5780

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.



187.7210, 58.5460, 18.2740



154.5840, -111.9540, -52.5780



200.9370, 23.7880, 42.4760

Square

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



154.5840, -111.9540, -52.5780



178.7510, -73.9540, -3.3460



190.7310, 44.5590, 34.9830



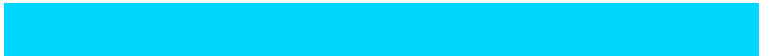
191.4610, 51.9050, -21.0790

Rectangle

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



154.5840, -111.9540, -52.5780



155.2750, -140.9800, -33.1400



190.7310, 44.5590, 34.9830



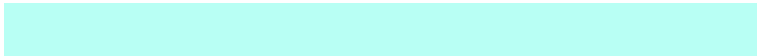
189.3390, 65.0130, 5.6930

Sweetspot

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



154.5840, -111.9540, -52.5780



232.5170, -38.7850, -18.4730



144.0170, -37.6240, -100.1200



114.0460, -23.9770, -11.5050



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.



154.5840, -111.9540, -52.5780



174.4230, -139.7820, -65.8780



116.3270, -102.0590, -6.1150



106.4830, -5.9140, -2.9540



118.4230, -95.0830, -44.4510



31.4480, -25.1690, -11.9290

Inverse Universe

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



79.4160, 111.9540, 52.5780



80.5770, 139.7820, 65.8780



117.6730, 102.0590, 6.1150



102.4030, 6.2350, 2.6430



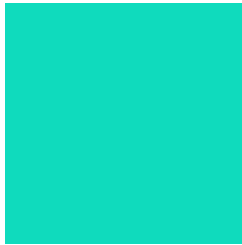
54.6910, 94.7620, 44.7620



14.5520, 25.1690, 11.9290

Previews

White Background



This preview shows how the YIQ color 154.5840, -111.9540, -52.5780 looks on a white background.

Color Contrast Check

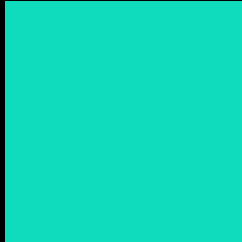
Large Text (above 18pt) WCAG AA × Fail

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 154.5840, -111.9540, -52.5780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

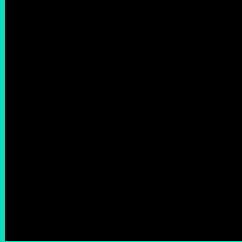
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

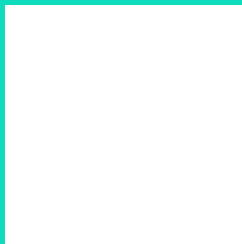
Any Text WCAG AAA ✓ Pass

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

YIQ 154.5840, -111.9540, -52.5780 Background



This preview shows how black text looks on a background with the YIQ color 154.5840, -111.9540, -52.5780.

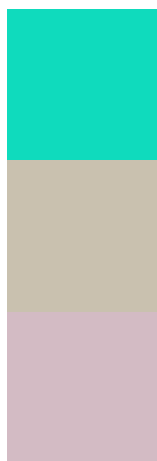


This preview shows how white text looks on a background with the YIQ color 154.5840, -111.9540, -52.5780.

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

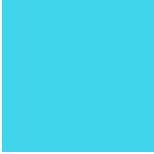
154.5840, -111.9540, -52.5780

Protanopia

193.3400, 10.5460, -3.9020

Deuteranopia

195.2020, 11.4150, 7.8870



Tritanopia

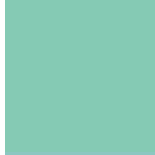
169.6040, -96.3700, -26.6260

Trichromacy



Original Color

154.5840, -111.9540, -52.5780



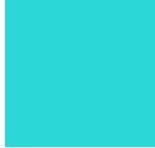
Protanomaly

178.8610, -34.0620, -21.4700



Deuteranomaly

180.6750, -33.2380, -14.3740



Tritanomaly

163.9850, -102.2370, -35.9410

Monochromacy



Original Color

154.5840, -111.9540, -52.5780



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.6200, -40.5730, -19.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.5840, -111.9540, -52.5780 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(15, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(15, 219, 189)  
}
```

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(15, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 219, 189) }
```

Border

The CSS property to change the border of an element to YIQ 154.5840, -111.9540, -52.5780 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(15, 219, 189) }
```


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

```
.border{ border-color:rgb(15, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(15, 219,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 154.5840, -111.9540, -52.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 219, 189) }
```

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

```
.background{ background-color: rgb(15, 219,  
189) }
```

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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