

Converting Colors

YIQ(154.8240, -95.6750,
-66.7710)

Have a look what the booklet for
YIQ(154.8240, -95.6750, -66.7710)
contains.

YIQ(154.8240, -95.6750, -66.7710)	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(154.8240, -95.6750,
-66.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	16E093
RGB	22, 224, 147
RGB Percent	9%, 88%, 58%
CMY	0.9142, 0.1212, 0.4238
CMYK	0.90, 0.00, 0.34, 0.12
HSL	157°, 82%, 48%
HSV	157°, 90%, 88%
XYZ	32.2664, 55.6299, 36.6072
YIQ	154.8240, -95.6750, -66.7710

Conversions

Conversions Part 2

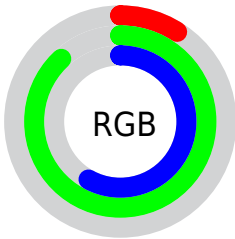
Format	Color
RYB	22, 147, 224
Decimal	1499283
CIELab	79.40, -62.42, 25.42
CIELCh	79, 67.397, 157.844
Yxy	55.6299, 0.2592, 0.4468
Android (android.graphics.Color)	4279689363 (0xFF16E093)
YUV	154.8240, -3.8572, -116.4866
Hunter-Lab	74.5855, -53.3037, 23.1098

Details

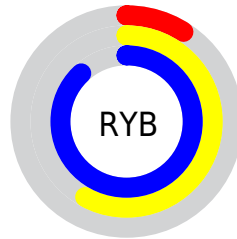
The YIQ color **154.8240, -95.6750, -66.7710** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **91.1760, 95.6750, 66.7710**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7880, -68.4900, -47.3220**, and **108.9730, -76.7410, -57.4850** is the 20% darker color. If you saturate the color by 10%, you get **147.3340, -106.2190, -73.9230**, and if you desaturate by 10%, it is **162.3140, -85.1310, -59.6190**.

Distribution



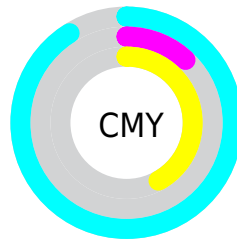
- Red (9%)
- Green (88%)
- Blue (58%)



- Red (9%)
- Yellow (58%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)



- Cyan (91%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8240, -95.6750, -66.7710 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 154.8240, -95.6750, -66.7710 by changing the saturation by 10% instead.

■ 154.8240,
-95.6750, -66.7710

■ 154.8240,
-95.6750, -66.7710

■ 255.0000, -0.0000,
-0.0000

■ 128.2590,
-92.4660, -64.3540

■ 205.7880,
-68.4900, -47.3220

■ 108.9730,
-76.7410, -57.4850

■ 218.9610,
-58.1310, -31.3070

■ 90.2740, -61.2910,
-51.1390

■ 231.3790,
-47.0840, -16.7480

■ 71.8030, -46.4830,
-44.1710

■ 240.6480,
-28.6080, -10.1760

■ 53.9190, -31.9500,
-37.7260

■ 249.9170,
-10.1320, -3.6040

■ 36.5080, -17.3710,
-32.1150

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 154.8240,
-95.6750, -66.7710

■ 154.8240,
-95.6750, -66.7710

■ 147.3340,
-106.2190, -73.9230

■ 162.3140,
-85.1310, -59.6190

■ 170.2170,
-74.3120, -51.9440

■ 177.8210,
-64.0890, -44.4810

■ 185.6100,
-52.9490, -37.1170

■ 193.2140,
-42.7260, -29.6540

■ 200.7040,
-32.1820, -22.5020

■ 208.6070,
-21.3630, -14.8270

■ 216.0970,
-10.8190, -7.6750

■ 224.0000, -0.0000,
0.0000

Harmonies

Analogous

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



180.9450, -0.4490, -52.4570



154.8240, -95.6750, -66.7710



158.0040, -130.7520, -53.3120

Triad

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



154.8240, -95.6750, -66.7710



176.0930, -74.9170, -2.4130



179.4910, 70.6970, 12.8170

Complementary

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



154.8240, -95.6750, -66.7710



91.1760, 95.6750, 66.7710

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.



178.7000, 55.0120, 38.2760



154.8240, -95.6750, -66.7710



196.9990, 2.8820, 35.8900

Square

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



154.8240, -95.6750, -66.7710



155.8620, -141.2550, -33.6630



191.6380, 32.3600, 52.3280



188.3350, 78.8630, -14.0410

Rectangle

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



154.8240, -95.6750, -66.7710



162.2050, -143.9590, -39.7270



191.6380, 32.3600, 52.3280



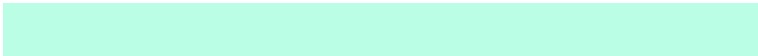
178.1350, 66.2480, 21.8640

Sweetspot

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



154.8240, -95.6750, -66.7710



231.4050, -32.7780, -22.7140



163.5970, -9.6580, -89.3220



113.9170, -19.3000, -13.6680



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.



154.8240, -95.6750, -66.7710



167.6970, -120.8430, -84.2270



149.5140, -113.7920, -30.2720



108.2550, -5.2720, -3.5760



115.7380, -83.3890, -58.1490



31.5960, -22.8300, -15.7740

Inverse Universe

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



91.1760, 95.6750, 66.7710



87.3030, 120.8430, 84.2270



95.8990, 114.0670, 30.7950



104.7450, 5.2720, 3.5760



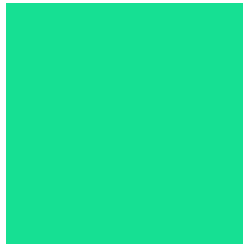
60.2620, 83.3890, 58.1490



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 154.8240, -95.6750, -66.7710 looks on a white background.

Color Contrast Check

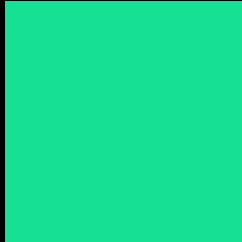
Large Text (above 18pt) WCAG AA × Fail

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 154.8240, -95.6750, -66.7710 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 154.8240, -95.6750, -66.7710 Background



This preview shows how black text looks on a background with the YIQ color 154.8240, -95.6750, -66.7710.

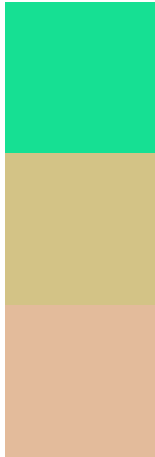


This preview shows how white text looks on a background with the YIQ color 154.8240, -95.6750, -66.7710.

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

154.8240, -95.6750, -66.7710

Protanopia

192.8300, 29.1170, -15.5790

Deuteranopia

195.3120, 34.1120, -1.4720



Tritanopia

175.8720, -85.3210, -23.1210

Trichromacy



Original Color

154.8240, -95.6750, -66.7710



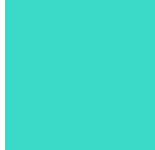
Protanomaly

179.2260, -16.6370, -34.4050



Deuteranomaly

180.1760, -13.2000, -25.1040



Tritanomaly

168.4070, -88.9860, -39.3060

Monochromacy



Original Color

154.8240, -95.6750, -66.7710



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.9810, -34.5200, -24.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8240, -95.6750, -66.7710 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(22, 224, 147)` looks like.

```
.text, #text, p{  
    color:rgb(22, 224, 147)  
}
```

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(22, 224, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 224, 147) }
```

Border

The CSS property to change the border of an element to YIQ 154.8240, -95.6750, -66.7710 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(22, 224, 147) }
```


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

```
.border{ border-color:rgb(22, 224, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 224, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 224, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 224, 147);  
box-shadow:4px 4px 4px 4px rgb(22, 224,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8240, -95.6750, -66.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 224, 147) }
```

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

```
.background{ background-color: rgb(22, 224,  
147) }
```

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