

Converting Colors

YIQ(176.5550, 55.4770, 2.3010)

Have a look what the booklet for
YIQ(176.5550, 55.4770, 2.3010)
contains.

YIQ(176.5550, 55.4770, 2.3010)	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(176.5550, 55.4770,
2.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A077
RGB	231, 160, 119
RGB Percent	91%, 63%, 47%
CMY	0.0940, 0.3726, 0.5331
CMYK	0.00, 0.31, 0.48, 0.09
HSL	22°, 70%, 69%
HSV	22°, 48%, 91%
XYZ	48.8661, 43.4597, 23.2860
YIQ	176.5550, 55.4770, 2.3010

Conversions

Conversions Part 2

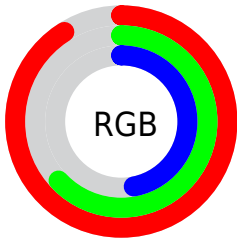
Format	Color
R _{YB}	231, 184, 119
Decimal	15179895
CIE _{Lab}	71.87, 21.82, 31.89
CIE _{LCh}	72, 38.641, 55.618
Yxy	43.4597, 0.4227, 0.3759
Android (android.graphics.Color)	4293369975 (0xFFE7A077)
YUV	176.5550, -28.3746, 47.7483
Hunter-Lab	65.9240, 16.9460, 25.2040

Details

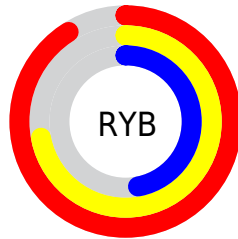
The YIQ color **176.5550, 55.4770, 2.3010** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **173.4450, -55.4770, -2.3010**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0580, 37.6430, -4.8930**, and **123.1030, 50.9380, 1.9620** is the 20% darker color. If you saturate the color by 10%, you get **165.1280, 66.9850, 2.9930**, and if you desaturate by 10%, it is **187.9820, 43.9690, 1.6090**.

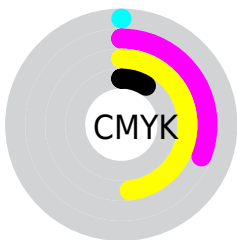
Distribution



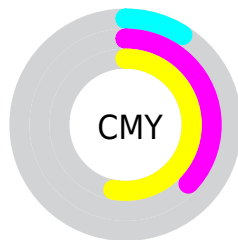
- Red (91%)
- Green (63%)
- Blue (47%)



- Red (91%)
- Yellow (72%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5550, 55.4770, 2.3010 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 176.5550, 55.4770, 2.3010 by changing the saturation by 10% instead.


 176.5550, 55.4770,
2.3010


 176.5550, 55.4770,
2.3010


255.0000, -0.0000,
-0.0000


 149.7720, 53.3680,
1.9760


 222.0580, 37.6430,
-4.8930


 123.1030, 50.9380,
1.9620


 241.5720, 21.2760,
-11.1400

 97.7220, 47.6370,
1.2130

 251.8080, 8.9880,
-8.7080

 72.6400, 44.9320,
0.6760

 48.3300, 42.8690,
-0.4830

 27.6420, 33.4230,
5.5110

 11.6610, 23.2440,

8.2680

■ 0.0000, 0.0000,
0.0000

■ 176.5550, 55.4770,
2.3010

■ 176.5550, 55.4770,
2.3010

■ 165.1280, 66.9850,
2.9930

■ 187.9820, 43.9690,
1.6090

■ 154.2880, 78.2180,
3.1620

■ 198.8220, 32.7360,
1.4400

■ 142.8610, 89.7260,
3.8540

■ 210.2490, 21.2280,
0.7480

■ 131.4340,
101.2340, 4.5460

■ 221.6760, 9.7200,
0.0560

■ 120.5940,
112.4670, 4.7150

■ 232.6300, -1.8340,
0.1980

■ 118.3770,
114.5760, 5.0400

■ 243.7150,
-12.3790, -1.4270

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



178.3510, 56.7120, 18.4720



176.5550, 55.4770, 2.3010



173.9300, 40.5790, -14.0530

Triad

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



176.5550, 55.4770, 2.3010



157.7650, -60.5150, -32.1550



178.2900, -20.4070, 22.9290

Complementary

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



176.5550, 55.4770, 2.3010



173.4450, -55.4770, -2.3010

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.



168.9750, -59.6050, 6.4350



176.5550, 55.4770, 2.3010



145.3210, -103.0630, -31.9830

Square

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



176.5550, 55.4770, 2.3010



165.4800, -20.1680, -30.9840



153.6400, -96.0510, -15.8830



180.7800, 16.5000, 31.3800

Rectangle

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



176.5550, 55.4770, 2.3010



171.9770, 24.0290, -22.4910



153.6400, -96.0510, -15.8830



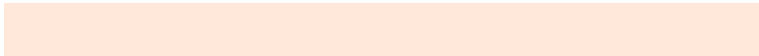
175.7120, -33.5190, 18.2650

Sweetspot

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



176.5550, 55.4770, 2.3010



236.5800, 18.7980, 0.7340



160.8100, 43.3190, 46.4470



116.5730, 11.5080, 0.6920



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.



176.5550, 55.4770, 2.3010



182.9500, 73.3580, 3.1340



208.2530, 40.6270, -25.9410



108.9360, 6.0520, 0.4520



91.6760, 88.8090, 3.9530



26.4020, 25.1710, 0.8750

Inverse Universe

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



173.4450, -55.4770, -2.3010



179.0500, -73.3580, -3.1340



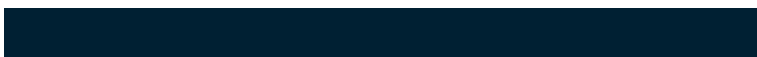
141.7470, -40.6270, 25.9410



109.0640, -6.0520, -0.4520



86.7370, -88.5340, -3.4300



24.5980, -25.1710, -0.8750

Previews

White Background



This preview shows how the YIQ color 176.5550, 55.4770, 2.3010 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 176.5550, 55.4770, 2.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

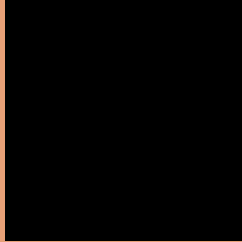
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.5550, 55.4770, 2.3010

Background



This preview shows how black text looks on a background with the YIQ color 176.5550, 55.4770, 2.3010.



This preview shows how white text looks on a background with the YIQ color 176.5550, 55.4770,

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

176.5550, 55.4770, 2.3010

Protanopia

174.4860, 24.3940, -12.5820

Deuteranopia

175.9290, 42.3200, -7.0560



Tritanopia

179.4730, 44.7450, 20.5930

Trichromacy



Original Color

176.5550, 55.4770, 2.3010

Protanomaly

175.1070, 35.9470, -7.1970

Deuteranomaly

176.3750, 46.9960, -3.6920

Tritanomaly

178.4100, 49.0560, 14.0480

Monochromacy



Original Color

176.5550, 55.4770, 2.3010

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5550, 55.4770, 2.3010 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(231, 160, 119)` looks like.

```
.text, #text, p{  
    color:rgb(231, 160, 119)  
}
```

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(231, 160, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 160, 119) }
```

Border

The CSS property to change the border of an element to YIQ 176.5550, 55.4770, 2.3010 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(231, 160, 119) }
```


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

```
.border{ border-color:rgb(231, 160, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 160, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 160, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 160, 119);  
box-shadow:4px 4px 4px 4px rgb(231, 160,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5550, 55.4770, 2.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 160, 119) }
```

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

```
.background{ background-color: rgb(231,  
160, 119) }
```

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