

Converting Colors

YIQ(179.5910, 54.6550,
-15.8490)

Have a look what the booklet for
YIQ(179.5910, 54.6550, -15.8490)
contains.

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Color

**YIQ(179.5910, 54.6550,
-15.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAF5C
RGB	222, 175, 92
RGB Percent	87%, 69%, 36%
CMY	0.1294, 0.3138, 0.6389
CMYK	0.00, 0.21, 0.59, 0.13
HSL	38°, 66%, 62%
HSV	38°, 59%, 87%
XYZ	47.3899, 46.9581, 16.7078
YIQ	179.5910, 54.6550, -15.8490

Conversions

Conversions Part 2

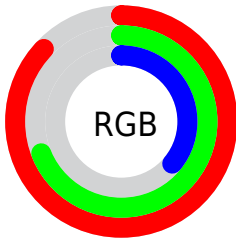
Format	Color
R_{YB}	166, 222, 92
Decimal	14593884
CIE _{Lab}	74.16, 7.84, 48.38
CIE _{LCh}	74, 49.012, 80.790
Yxy	46.9581, 0.4267, 0.4228
Android (android.graphics.Color)	4292783964 (0xFFDEAF5C)
YUV	179.5910, -43.1824, 37.1927
Hunter-Lab	68.5260, 3.5230, 33.5123

Details

The YIQ color **179.5910, 54.6550, -15.8490** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **134.4090, -54.6550, 15.8490**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.6710, 42.5060, -21.4460**, and **125.9110, 50.7580, -16.8100** is the 20% darker color. If you saturate the color by 10%, you get **172.3870, 63.9170, -18.5070**, and if you desaturate by 10%, it is **186.7950, 45.3930, -13.1910**.

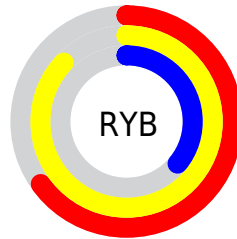
Distribution



Red (87%)

Green (69%)

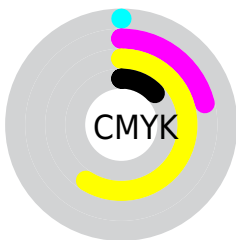
Blue (36%)



Red (65%)

Yellow (87%)

Blue (36%)

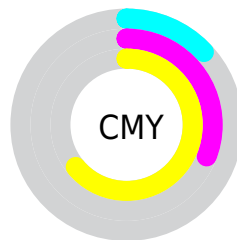


Cyan (0%)

Magenta (21%)

Yellow (59%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.5910, 54.6550, -15.8490 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 179.5910, 54.6550, -15.8490 by changing the saturation by 10% instead.

■ 179.5910, 54.6550,
-15.8490

■ 179.5910, 54.6550,
-15.8490

255.0000, -0.0000,
-0.0000

■ 152.2210, 52.8210,
-15.6510

■ 227.6710, 42.5060,
-21.4460

■ 125.9110, 50.7580,
-16.8100

■ 245.5380, 26.6430,
-25.8130

■ 99.3730, 49.3370,
-18.5910

■ 248.7300, 17.6550,
-17.1050

■ 75.7300, 44.0180,
-15.8060

■ 251.9220, 8.6670,
-8.3970

■ 54.7430, 33.9760,
-10.0240

■ 34.3430, 23.6590,
-4.7650

■ 13.6660, 15.6800,

2.1760

■ 0.0000, 0.0000,
0.0000

■ 179.5910, 54.6550,
-15.8490

■ 179.5910, 54.6550,
-15.8490

■ 172.3870, 63.9170,
-18.5070

■ 186.7950, 45.3930,
-13.1910

■ 165.1830, 73.1790,
-21.1650

■ 193.9990, 36.1310,
-10.5330

■ 157.8650, 82.7620,
-24.1340

■ 201.3170, 26.5480,
-7.5640

■ 150.6610, 92.0240,
-26.7920

■ 208.5210, 17.2860,
-4.9060

■ 149.7320, 93.2620,
-27.2020

■ 215.7250, 8.0240,
-2.2480

■ 222.9290, -1.2380,
0.4100

■ 230.1330,
-10.5000, 3.0680

■ 235.7410,
-15.2680, 1.3720

■ 240.4370,
-17.4680, -2.8120

Harmonies

Analogous

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



182.2750, 71.0650, 6.1450



179.5910, 54.6550, -15.8490



175.2940, 24.2140, -31.3540

Triad

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



179.5910, 54.6550, -15.8490



144.6170, -124.7480, -40.9720



187.9680, 13.3350, 39.1830

Complementary

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



179.5910, 54.6550, -15.8490



134.4090, -54.6550, 15.8490

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.



181.7170, -31.9150, 22.2370



179.5910, 54.6550, -15.8490



146.6010, -135.8460, -27.0620

Square

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



179.5910, 54.6550, -15.8490



153.9100, -80.4570, -45.2010



162.7150, -91.4680, -5.3240



185.1060, 47.9970, 38.7570

Rectangle

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



179.5910, 54.6550, -15.8490



171.7620, -3.7070, -37.4590



162.7150, -91.4680, -5.3240



187.0740, -1.7030, 36.3850

Sweetspot

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



179.5910, 54.6550, -15.8490



239.7770, 19.4410, -5.4150



136.3420, 62.0720, 42.4880



118.2370, 12.3340, -3.2660



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.



179.5910, 54.6550, -15.8490



196.5530, 75.0130, -21.3630



202.0970, 31.5980, -44.0340



108.3980, 4.6310, -1.3290



118.3680, 74.0960, -21.2640



32.5490, 20.0830, -6.0370

Inverse Universe

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



134.4090, -54.6550, 15.8490



134.8600, -74.7380, 21.8860



111.9030, -31.5980, 44.0340



104.6020, -4.6310, 1.3290



57.6320, -74.0960, 21.2640



16.0380, -20.3580, 5.5140

Previews

White Background



This preview shows how the YIQ color 179.5910, 54.6550, -15.8490 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 179.5910, 54.6550, -15.8490 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 179.5910, 54.6550, -15.8490

Background



This preview shows how black text looks on a background with the YIQ color 179.5910, 54.6550, -15.8490.



This preview shows how white text looks on a background with the YIQ color 179.5910, 54.6550, -15.8490.

-15.8490.

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

179.5910, 54.6550, -15.8490

Protanopia

178.3500, 38.9760, -23.5520

Deuteranopia

179.6020, 56.1220, -14.9020



Tritanopia

185.6180, 33.9710, 17.6110

Trichromacy



Original Color

179.5910, 54.6550, -15.8490

Protanomaly

178.8670, 44.8900, -20.5980

Deuteranomaly

179.3030, 55.5260, -15.1140

Tritanomaly

183.5350, 41.0340, 5.2420

Monochromacy



Original Color

179.5910, 54.6550, -15.8490

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.6630, 19.7620, -5.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.5910, 54.6550, -15.8490 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(222, 175, 92)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 92)  
}
```

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(222, 175, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 92) }
```

Border

The CSS property to change the border of an element to YIQ 179.5910, 54.6550, -15.8490 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(222, 175, 92) }
```


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

```
.border{ border-color:rgb(222, 175, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 175, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 92);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 179.5910, 54.6550, -15.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 92) }
```

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

```
.background{ background-color: rgb(222,  
175, 92) }
```

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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