

Converting Colors

YIQ(195.7050, 54.3340,
-15.5380)

Have a look what the booklet for
YIQ(195.7050, 54.3340, -15.5380)
contains.

YIQ(195.7050, 54.3340, -15.5380)	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(195.7050, 54.3340,
-15.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBF6D
RGB	238, 191, 109
RGB Percent	93%, 75%, 43%
CMY	0.0666, 0.2510, 0.5723
CMYK	0.00, 0.20, 0.54, 0.07
HSL	38°, 79%, 68%
HSV	38°, 54%, 93%
XYZ	56.6557, 56.5384, 22.4150
YIQ	195.7050, 54.3340, -15.5380

Conversions

Conversions Part 2

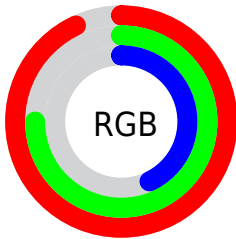
Format	Color
R_{YB}	183, 238, 109
Decimal	15646573
CIE _{Lab}	79.92, 7.35, 47.29
CIE _{LCh}	80, 47.853, 81.163
Yxy	56.5384, 0.4178, 0.4169
Android (android.graphics.Color)	4293836653 (0xFFEEBF6D)
YUV	195.7050, -42.7456, 37.0927
Hunter-Lab	75.1920, 2.9102, 34.9598

Details

The YIQ color **195.7050, 54.3340, -15.5380** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **151.2950, -54.3340, 15.5380**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7020, 32.0530, -24.7390**, and **141.1390, 50.1160, -16.1880** is the 20% darker color. If you saturate the color by 10%, you get **187.6860, 64.5130, -18.2950**, and if you desaturate by 10%, it is **203.7240, 44.1550, -12.7810**.

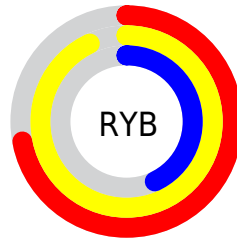
Distribution



Red (93%)

Green (75%)

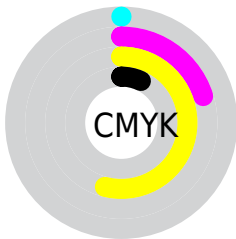
Blue (43%)



Red (72%)

Yellow (93%)

Blue (43%)

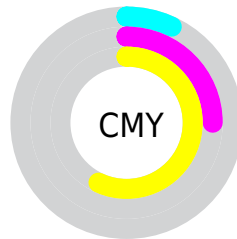


Cyan (0%)

Magenta (20%)

Yellow (54%)

Black (7%)



Cyan (7%)


Magenta (25%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.7050, 54.3340, -15.5380 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 195.7050, 54.3340, -15.5380 by changing the saturation by 10% instead.


 195.7050, 54.3340,
-15.5380

 195.7050, 54.3340,
-15.5380


255.0000, -0.0000,
-0.0000


 167.9220, 52.2250,
-15.8630


 239.7020, 32.0530,
-24.7390


 141.1390, 50.1160,
-16.1880


 247.5900, 20.8650,
-20.2150


 114.6550, 48.6030,
-16.3010

 250.7820, 11.8770,
-11.5070

 88.6610, 48.4660,
-19.3260

 254.0880, 2.5680,
-2.4880

 66.8590, 39.3410,
-13.6430

 45.8720, 29.2990,
-7.8610

 26.3580, 19.3030,

-2.9130

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 195.7050, 54.3340,
-15.5380

■ 195.7050, 54.3340,
-15.5380

■ 187.6860, 64.5130,
-18.2950

■ 203.7240, 44.1550,
-12.7810

■ 180.2540, 74.4170,
-21.5750

■ 211.1560, 34.2510,
-9.5010

■ 172.3490, 84.2750,
-24.0210

■ 219.0610, 24.3930,
-7.0550

■ 164.3300, 94.4540,
-26.7780

■ 227.0800, 14.2140,
-4.2980

159.7990,
100.3230, -28.5170

234.5120, 4.3100,
-1.0180

242.5310, -5.8690,
1.7390

248.1560, -9.3070,
-2.0350

249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



193.7900, 62.1250, 2.9650



195.7050, 54.3340, -15.5380



191.5220, 23.5720, -30.7320

Triad

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



195.7050, 54.3340, -15.5380



155.8330, -134.2840, -44.3640



203.8540, 13.6560, 38.8720

Complementary

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



195.7050, 54.3340, -15.5380



151.2950, -54.3340, 15.5380

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.



196.4910, -25.5870, 17.6850



195.7050, 54.3340, -15.5380



156.4490, -141.5300, -34.1860

Square

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



195.7050, 54.3340, -15.5380



173.3130, -74.2220, -42.5580



180.4790, -79.1800, -7.7560



196.7950, 38.5070, 34.5310

Rectangle

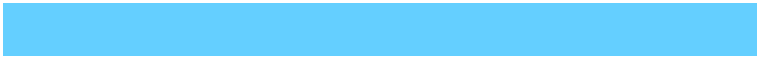
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.7050, 54.3340, -15.5380



187.8760, -4.0280, -37.1480



180.4790, -79.1800, -7.7560



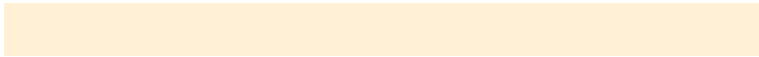
201.7060, 2.1490, 32.6530

Sweetspot

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



195.7050, 54.3340, -15.5380



241.5210, 17.2860, -4.9060



152.9290, 61.7970, 41.9650



119.8670, 10.5000, -3.0680



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.



195.7050, 54.3340, -15.5380



200.8560, 69.7860, -20.2460



218.2110, 31.2770, -43.7230



115.6970, 5.2270, -1.1170



123.6950, 77.4890, -22.1830



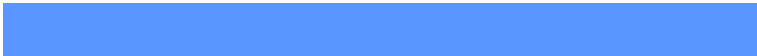
37.8760, 23.4760, -6.9560

Inverse Universe

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



151.2950, -54.3340, 15.5380



143.7310, -70.0610, 19.7230



128.7890, -31.2770, 43.7230



111.7160, -4.9520, 1.6400



60.3050, -77.4890, 22.1830



18.1240, -23.4760, 6.9560

Previews

White Background



This preview shows how the YIQ color 195.7050, 54.3340, -15.5380 looks on a white background.

Color Contrast Check

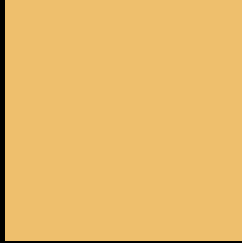
Large Text (above 18pt) WCAG AA × Fail

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 195.7050, 54.3340, -15.5380 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 195.7050, 54.3340, -15.5380

Background



This preview shows how black text looks on a background with the YIQ color 195.7050, 54.3340, -15.5380.



This preview shows how white text looks on a background with the YIQ color 195.7050, 54.3340, -15.5380.

-15.5380.

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

195.7050, 54.3340, -15.5380

Protanopia

194.1760, 39.5260, -22.5060

Deuteranopia

195.7270, 57.2680, -13.6440



Tritanopia

201.7320, 33.6500, 17.9220

Trichromacy



Original Color

195.7050, 54.3340, -15.5380

Protanomaly

194.3940, 44.8440, -19.7640

Deuteranomaly

196.0150, 56.3970, -14.3790

Tritanomaly

199.6490, 40.7130, 5.5530

Monochromacy



Original Color

195.7050, 54.3340, -15.5380

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.6630, 19.7620, -5.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7050, 54.3340, -15.5380 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(238, 191, 109)` looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 109)  
}
```

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(238, 191, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 109) }
```

Border

The CSS property to change the border of an element to YIQ 195.7050, 54.3340, -15.5380 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(238, 191, 109) }
```


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

```
.border{ border-color:rgb(238, 191, 109) }
```

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

Here you see how a box with a 4 pixel rgb(238, 191, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 191, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 191, 109);  
box-shadow:4px 4px 4px 4px rgb(238, 191,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7050, 54.3340, -15.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 109) }
```

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

```
.background{ background-color: rgb(238,  
191, 109) }
```

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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