

Converting Colors

YIQ(193.4890, 38.6480, 15.4480)

Have a look what the booklet for
YIQ(193.4890, 38.6480, 15.4480)
contains.

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Color

**YIQ(193.4890, 38.6480,
15.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ADB1
RGB	240, 173, 177
RGB Percent	94%, 68%, 69%
CMY	0.0587, 0.3217, 0.3057
CMYK	0.00, 0.28, 0.26, 0.06
HSL	356°, 69%, 81%
HSV	356°, 28%, 94%
XYZ	58.8270, 51.5847, 48.4713
YIQ	193.4890, 38.6480, 15.4480

Conversions

Conversions Part 2

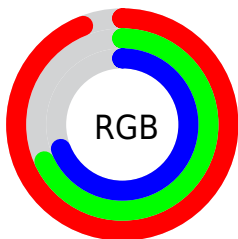
Format	Color
R _Y B	240, 173, 177
Decimal	15773105
CIE Lab	77.03, 25.11, 7.69
CIE LCh	77, 26.256, 17.027
Yxy	51.5847, 0.3703, 0.3247
Android (android.graphics.Color)	4293963185 (0xFFFF0ADB1)
YUV	193.4890, -8.1291, 40.7901
Hunter-Lab	71.8225, 20.5131, 10.2623

Details

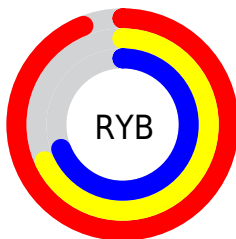
The YIQ color **193.4890, 38.6480, 15.4480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **219.5110, -38.6480, -15.4480**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2300, 14.2120, 6.7560**, and **139.4070, 35.9430, 14.9110** is the 20% darker color. If you saturate the color by 10%, you get **176.7790, 52.6310, 20.8470**, and if you desaturate by 10%, it is **210.1990, 24.6650, 10.0490**.

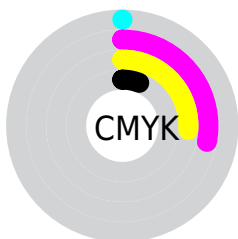
Distribution



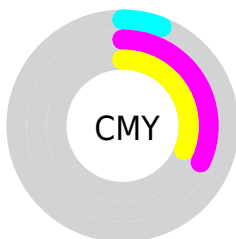
- Red (94%)
- Green (68%)
- Blue (69%)



- Red (94%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.4890, 38.6480, 15.4480 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 193.4890, 38.6480, 15.4480 by changing the saturation by 10% instead.


 193.4890, 38.6480,
15.4480


 193.4890, 38.6480,
15.4480


255.0000, -0.0000,
-0.0000


 165.8910, 37.4560,
15.0240


 237.2300, 14.2120,
6.7560

 139.4070, 35.9430,
14.9110

 113.5100, 34.1550,
14.2750

 88.6130, 32.3670,
13.6390

 64.1290, 30.8540,
13.5260

 40.4600, 28.4240,
13.5120

 17.6340, 27.8740,

12.4660

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 193.4890, 38.6480,
15.4480

■ 193.4890, 38.6480,
15.4480

■ 176.7790, 52.6310,
20.8470

■ 210.1990, 24.6650,
10.0490

■ 160.1830, 66.2930,
26.5570

■ 226.7950, 11.0030,
4.3390

■ 143.4730, 80.2760,
31.9560

■ 243.5050, -2.9800,
-1.0600

■ 126.8770, 93.9380,
37.6660

■ 250.5150, -8.9400,
-3.1800

■ 110.1670,
107.9210, 43.0650

■ 93.5710, 121.5830,
48.7750

■ 76.8610, 135.5660,
54.1740

■ 73.4700, 138.2250,
55.5450

Harmonies

Analogous

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



194.5340, 25.5800, 21.0040



193.4890, 38.6480, 15.4480



191.9480, 41.3090, 5.7650

Triad

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



193.4890, 38.6480, 15.4480



184.2310, -5.8650, -20.3690



186.0230, -42.3650, 2.3630

Complementary

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



193.4890, 38.6480, 15.4480



219.5110, -38.6480, -15.4480

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.



180.4140, -54.1920, -9.0720



193.4890, 38.6480, 15.4480



181.3130, -29.5230, -21.1310

Square

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



193.4890, 38.6480, 15.4480



187.7130, 16.3250, -15.0270



179.3680, -48.5510, -17.6950



191.0800, -20.1760, 13.2320

Rectangle

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



193.4890, 38.6480, 15.4480



190.7530, 37.1840, -2.0800



179.3680, -48.5510, -17.6950



183.8650, -47.9120, -1.7360

Sweetspot

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



193.4890, 38.6480, 15.4480



241.0940, 11.5990, 4.5510



199.4750, 16.0410, 34.1930



119.0010, 7.4270, 3.0670



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.



193.4890, 38.6480, 15.4480



194.6970, 49.9260, 20.3100



210.0560, 31.9570, -0.9630



111.7020, 6.8310, 2.8550



56.2700, 106.1330, 42.4290



17.0860, 32.4130, 12.8050

Inverse Universe

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



193.4890, 38.6480, 15.4480



194.6970, 49.9260, 20.3100



202.9440, -31.9570, 0.9630



111.7020, 6.8310, 2.8550



56.2700, 106.1330, 42.4290



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 193.4890, 38.6480, 15.4480 looks on a white background.

Color Contrast Check

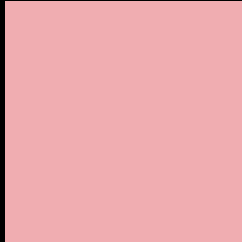
Large Text (above 18pt) WCAG AA × Fail

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 193.4890, 38.6480, 15.4480 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 193.4890, 38.6480, 15.4480

Background



This preview shows how black text looks on a background with the YIQ color 193.4890, 38.6480, 15.4480.



This preview shows how white text looks on a background with the YIQ color 193.4890, 38.6480,

15.4480.

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

193.4890, 38.6480, 15.4480

Protanopia

191.0390, 4.2640, -0.1840

Deuteranopia

192.2430, 21.3650, 3.7730



Tritanopia

194.1130, 36.9510, 18.6710

Trichromacy



Original Color

193.4890, 38.6480, 15.4480

Protanomaly

191.9590, 16.4130, 5.4130

Deuteranomaly

192.7000, 27.5080, 8.0840

Tritanomaly

193.7710, 37.9140, 17.7380

Monochromacy



Original Color

193.4890, 38.6480, 15.4480

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.2900, 13.9830, 5.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4890, 38.6480, 15.4480 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(240, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 173, 177)  
}
```

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(240, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 173, 177) }
```

Border

The CSS property to change the border of an element to YIQ 193.4890, 38.6480, 15.4480 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(240, 173, 177) }
```


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

```
.border{ border-color:rgb(240, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 173,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4890, 38.6480, 15.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 173, 177) }
```

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

```
.background{ background-color: rgb(240,  
173, 177) }
```

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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