

Converting Colors

YIQ(183.4490, 53.3200, 13.8640)

Have a look what the booklet for
YIQ(183.4490, 53.3200, 13.8640)
contains.

YIQ(183.4490, 53.3200, 13.8640)	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(183.4490, 53.3200,
13.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A094
RGB	243, 160, 148
RGB Percent	95%, 63%, 58%
CMY	0.0469, 0.3727, 0.4194
CMYK	0.00, 0.34, 0.39, 0.05
HSL	8°, 80%, 77%
HSV	8°, 39%, 95%
XYZ	54.8934, 46.3327, 34.0903
YIQ	183.4490, 53.3200, 13.8640

Conversions

Conversions Part 2

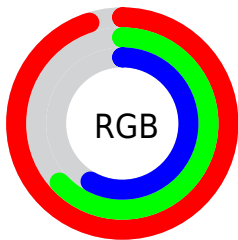
Format	Color
R _Y B	243, 162, 148
Decimal	15966356
CIE Lab	73.76, 29.49, 18.95
CIE LCh	74, 35.053, 32.733
Yxy	46.3327, 0.4057, 0.3424
Android (android.graphics.Color)	4294156436 (0xFFFF3A094)
YUV	183.4490, -17.4764, 52.2262
Hunter-Lab	68.0681, 24.8316, 17.9537

Details

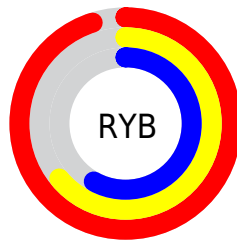
The YIQ color **183.4490, 53.3200, 13.8640** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.5510, -53.3200, -13.8640**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **225.4780, 28.0130, 4.4370**, and **129.4700, 48.8270, 12.6910** is the 20% darker color. If you saturate the color by 10%, you get **168.3860, 66.7990, 17.3830**, and if you desaturate by 10%, it is **198.5120, 39.8410, 10.3450**.

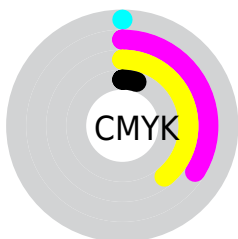
Distribution



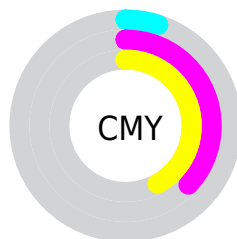
- Red (95%)
- Green (63%)
- Blue (58%)



- Red (95%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.4490, 53.3200, 13.8640 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 183.4490, 53.3200, 13.8640 by changing the saturation by 10% instead.

 183.4490, 53.3200,
13.8640


 183.4490, 53.3200,
13.8640


255.0000, -0.0000,
-0.0000


 155.6660, 51.2110,
13.5390


 225.4780, 28.0130,
4.4370


 129.4700, 48.8270,
12.6910

 245.6930, 11.0500,
-2.0220

 103.8010, 46.3970,
12.6770

 78.1320, 43.9670,
12.6630

 54.1640, 40.9410,
12.4370

 28.6800, 39.4280,
12.3240

 14.6510, 29.2040,

10.3880

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 183.4490, 53.3200,
13.8640

■ 183.4490, 53.3200,
13.8640

■ 168.3860, 66.7990,
17.3830

■ 198.5120, 39.8410,
10.3450

■ 152.6220, 80.8740,
21.1140

■ 213.6890, 26.0410,
7.1370

■ 137.5590, 94.3530,
24.6330

■ 229.3390, 12.2870,
3.0950

■ 122.4960,
107.8320, 28.1520

■ 244.4020, -1.1920,
-0.4240

■ 107.4330,
121.3110, 31.6710

■ 251.4120, -7.1520,
-2.5440

■ 91.6690, 135.3860,
35.4020

■ 90.2670, 136.5780,
35.8260

Harmonies

Analogous

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



185.2220, 44.1940, 25.0740



183.4490, 53.3200, 13.8640



181.3260, 48.6920, -1.3880

Triad

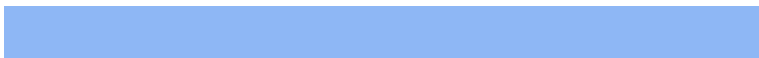
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



183.4490, 53.3200, 13.8640



170.5380, -26.0830, -28.4110



177.8090, -44.3380, 10.5900

Complementary

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



183.4490, 53.3200, 13.8640



207.5510, -53.3200, -13.8640

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.



167.6430, -73.7700, -6.6820



183.4490, 53.3200, 13.8640



164.5850, -59.8280, -28.0840

Square

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



183.4490, 53.3200, 13.8640



175.5280, 6.2400, -24.9920



161.0680, -82.9370, -22.2730



184.2650, -10.0910, 23.1970

Rectangle

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



183.4490, 53.3200, 13.8640



180.0270, 38.9280, -11.6640



161.0680, -82.9370, -22.2730



174.9600, -55.2490, 4.5830

Sweetspot

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



183.4490, 53.3200, 13.8640



235.6170, 17.3760, 4.4800



185.9810, 29.6560, 46.2640



116.5560, 10.1780, 2.7700



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.



183.4490, 53.3200, 13.8640



179.6850, 67.3950, 17.5950



211.0380, 40.3950, -10.7170



114.7620, 6.6020, 1.4980



69.1150, 104.5310, 27.4030



21.7500, 33.2390, 8.8470

Inverse Universe

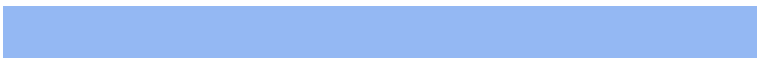
The Inverse Universe completely reimagines the original color for something new.



207.5510, -53.3200, -13.8640



210.3150, -67.3950, -17.5950



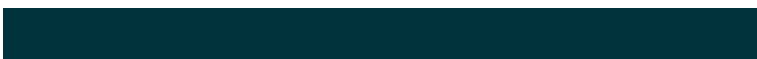
179.9620, -40.3950, 10.7170



117.8250, -6.8770, -2.0210



116.8850, -104.5310, -27.4030



36.6630, -32.9640, -8.3240

Previews

White Background



This preview shows how the YIQ color 183.4490, 53.3200, 13.8640 looks on a white background.

Color Contrast Check

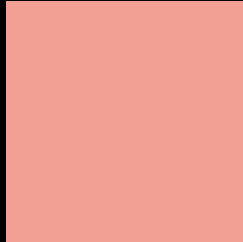
Large Text (above 18pt) WCAG AA × Fail

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 183.4490, 53.3200, 13.8640 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 183.4490, 53.3200, 13.8640

Background



This preview shows how black text looks on a background with the YIQ color 183.4490, 53.3200, 13.8640.



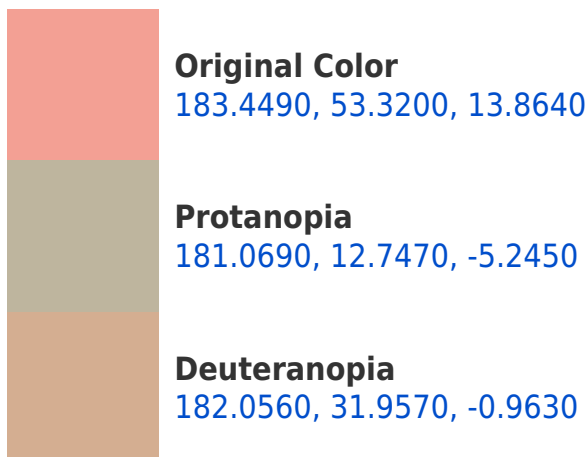
This preview shows how white text looks on a background with the YIQ color 183.4490, 53.3200,

13.8640.

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

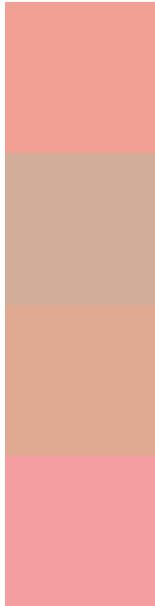




Tritanopia

184.6800, 48.5960, 22.3880

Trichromacy



Original Color

183.4490, 53.3200, 13.8640

Protanomaly

181.5980, 27.5550, 1.7230

Deuteranomaly

182.5240, 39.5670, 4.2950

Tritanomaly

184.0560, 50.2930, 19.1650

Monochromacy



Original Color

183.4490, 53.3200, 13.8640

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.4000, 19.4850, 4.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.4490, 53.3200, 13.8640 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(243, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 160, 148)  
}
```

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(243, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 160, 148) }
```

Border

The CSS property to change the border of an element to YIQ 183.4490, 53.3200, 13.8640 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(243, 160, 148) }
```


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

```
.border{ border-color:rgb(243, 160, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 160,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 183.4490, 53.3200, 13.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 160, 148) }
```

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

```
.background{ background-color: rgb(243,  
160, 148) }
```

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