

Converting Colors

YIQ(194.2670, 56.3480, 3.0360)

Have a look what the booklet for
YIQ(194.2670, 56.3480, 3.0360)
contains.

YIQ(194.2670, 56.3480, 3.0360)	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(194.2670, 56.3480,
3.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB189
RGB	250, 177, 137
RGB Percent	98%, 69%, 54%
CMY	0.0195, 0.3060, 0.4625
CMYK	0.00, 0.29, 0.45, 0.02
HSL	21°, 92%, 76%
HSV	21°, 45%, 98%
XYZ	59.6740, 53.5711, 30.8864
YIQ	194.2670, 56.3480, 3.0360

Conversions

Conversions Part 2

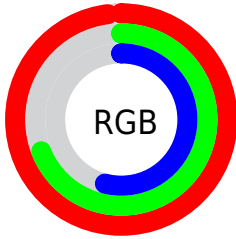
Format	Color
R_{YB}	250, 199, 137
Decimal	16429449
CIE _{Lab}	78.21, 22.06, 31.02
CIE _{LCh}	78, 38.064, 54.585
Yxy	53.5711, 0.4140, 0.3717
Android (android.graphics.Color)	4294619529 (0xFF FAB189)
YUV	194.2670, -28.2326, 48.8778
Hunter-Lab	73.1923, 17.4453, 26.2148

Details

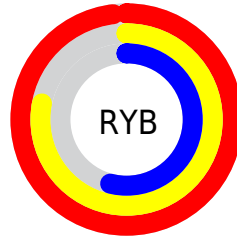
The YIQ color **194.2670, 56.3480, 3.0360** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **192.7330, -56.3480, -3.0360**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7900, 26.5940, -8.3980**, and **139.8150, 51.8090, 2.6970** is the 20% darker color. If you saturate the color by 10%, you get **182.0250, 68.7730, 3.6290**, and if you desaturate by 10%, it is **206.5090, 43.9230, 2.4430**.

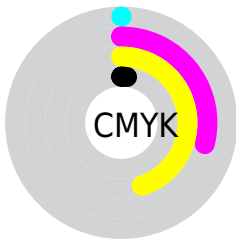
Distribution



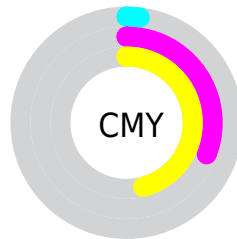
- Red (98%)
- Green (69%)
- Blue (54%)



- Red (98%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.2670, 56.3480, 3.0360 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 194.2670, 56.3480, 3.0360 by changing the saturation by 10% instead.


 194.2670, 56.3480,
3.0360

 194.2670, 56.3480,
3.0360

255.0000, -0.0000,
-0.0000


 166.4840, 54.2390,
2.7110


 234.7900, 26.5940,
-8.3980


 139.8150, 51.8090,
2.6970


 250.8960, 11.5560,
-11.1960

 113.7330, 49.1040,
2.1600

 254.0880, 2.5680,
-2.4880

 88.6510, 46.3990,
1.6230

 63.6830, 43.3730,
1.3970

 40.9430, 39.7050,
1.7930

 19.9560, 29.6630,

7.5750

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 194.2670, 56.3480,
3.0360

■ 194.2670, 56.3480,
3.0360

■ 182.0250, 68.7730,
3.6290

■ 206.5090, 43.9230,
2.4430

■ 169.7830, 81.1980,
4.2220

■ 218.7510, 31.4980,
1.8500

■ 156.9540, 93.8980,
5.3380

■ 230.9930, 19.0730,
1.2570

■ 144.7120,
106.3230, 5.9310

■ 243.8220, 6.3730,
0.1410

132.4700,
118.7480, 6.5240

253.5050, -2.9800,
-1.0600

126.4060,
124.8000, 6.9760

Harmonies

Analogous

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



193.7850, 52.4940, 17.8220



194.2670, 56.3480, 3.0360



191.6420, 41.4500, -13.3180

Triad

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



194.2670, 56.3480, 3.0360



176.4450, -56.6180, -31.1940



195.3500, -20.6360, 21.5720

Complementary

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



194.2670, 56.3480, 3.0360



192.7330, -56.3480, -3.0360

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.



185.9490, -56.7160, 3.6360



194.2670, 56.3480, 3.0360



169.4860, -90.2260, -27.8420

Square

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



194.2670, 56.3480, 3.0360



182.9640, -18.6550, -30.8710



174.5160, -89.7700, -14.0740



198.2960, 14.9870, 31.2670

Rectangle

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



194.2670, 56.3480, 3.0360



189.5750, 25.2210, -22.0670



174.5160, -89.7700, -14.0740



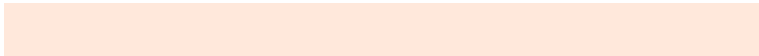
192.3160, -32.4640, 15.6640

Sweetspot

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



194.2670, 56.3480, 3.0360



237.3950, 17.8810, 0.8330



179.1090, 43.9150, 46.6590



116.6870, 11.1870, 1.0030



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.



194.2670, 56.3480, 3.0360



187.0250, 68.7730, 3.6290



227.1390, 40.9480, -26.2520



118.8220, 6.3730, 0.1410



95.8400, 94.2190, 5.0270



31.1530, 30.3060, 1.4260

Inverse Universe

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



192.7330, -56.3480, -3.0360



184.9750, -68.7730, -3.6290



159.8610, -40.9480, 26.2520



118.7650, -6.6480, -0.6640



93.1600, -94.2190, -5.0270



30.4340, -30.5810, -1.9490

Previews

White Background



This preview shows how the YIQ color 194.2670, 56.3480, 3.0360 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 194.2670, 56.3480, 3.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

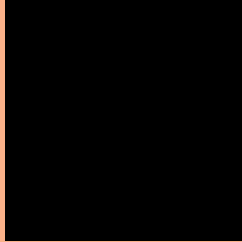
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.2670, 56.3480, 3.0360

Background



This preview shows how black text looks on a background with the YIQ color 194.2670, 56.3480, 3.0360.



This preview shows how white text looks on a background with the YIQ color 194.2670, 56.3480,

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

194.2670, 56.3480, 3.0360

Protanopia

192.4860, 24.3940, -12.5820

Deuteranopia

193.6410, 43.1910, -6.3210



Tritanopia

197.2990, 45.2950, 21.6390

Trichromacy



Original Color

194.2670, 56.3480, 3.0360

Protanomaly

193.1070, 35.9470, -7.1970

Deuteranomaly

194.0870, 47.8670, -2.9570

Tritanomaly

196.2360, 49.6060, 15.0940

Monochromacy



Original Color

194.2670, 56.3480, 3.0360

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.2670, 56.3480, 3.0360 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(250, 177, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 137)  
}
```

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(250, 177, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 137) }
```

Border

The CSS property to change the border of an element to YIQ 194.2670, 56.3480, 3.0360 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(250, 177, 137) }
```


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

```
.border{ border-color:rgb(250, 177, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 194.2670, 56.3480, 3.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 137) }
```

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

```
.background{ background-color: rgb(250,  
177, 137) }
```

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