

Converting Colors

YIQ(194.0630, 56.4420, -9.6860)

Have a look what the booklet for
YIQ(194.0630, 56.4420, -9.6860)
contains.

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Color

**YIQ(194.0630, 56.4420,
-9.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B973
RGB	242, 185, 115
RGB Percent	95%, 73%, 45%
CMY	0.0509, 0.2746, 0.5487
CMYK	0.00, 0.24, 0.52, 0.05
HSL	33°, 83%, 70%
HSV	33°, 52%, 95%
XYZ	57.0685, 54.8087, 23.8124
YIQ	194.0630, 56.4420, -9.6860

Conversions

Conversions Part 2

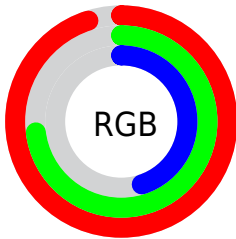
Format	Color
R _Y B	218, 242, 115
Decimal	15907187
CIE Lab	78.93, 12.63, 43.18
CIE LCh	79, 44.986, 73.694
Yxy	54.8087, 0.4206, 0.4039
Android (android.graphics.Color)	4294097267 (0xFFFF2B973)
YUV	194.0630, -38.9781, 42.0407
Hunter-Lab	74.0329, 8.0399, 32.7526

Details

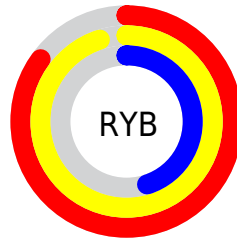
The YIQ color $194.0630, 56.4420, -9.6860$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $162.9370, -56.4420, 9.6860$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8640, 31.7770, -19.7350$, and $139.6110, 51.9030, -10.0250$ is the 20% darker color. If you saturate the color by 10%, you get $184.8700, 67.1710, -11.3970$, and if you desaturate by 10%, it is $203.2560, 45.7130, -7.9750$.

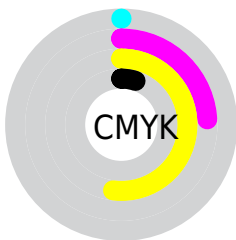
Distribution



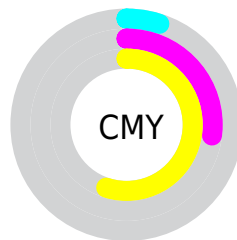
- Red (95%)
- Green (73%)
- Blue (45%)



- Red (85%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.0630, 56.4420, -9.6860 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 194.0630, 56.4420, -9.6860 by changing the saturation by 10% instead.


 194.0630, 56.4420,
-9.6860


 194.0630, 56.4420,
-9.6860


255.0000, -0.0000,
-0.0000

 166.3940, 54.0120,
-9.7000


 236.8640, 31.7770,
-19.7350

 139.6110, 51.9030,
-10.0250


 248.2740, 18.9390,
-18.3490


 113.4150, 49.5190,
-10.8730

 251.4660, 9.9510,
-9.6410

 88.1050, 47.4560,
-12.0320

254.7720, 0.6420,
-0.6220

 64.8210, 42.5040,
-10.3920

 43.8340, 32.4620,
-4.6100

 24.3200, 22.4660,

0.3380

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 194.0630, 56.4420,
-9.6860

■ 194.0630, 56.4420,
-9.6860

■ 184.8700, 67.1710,
-11.3970

■ 203.2560, 45.7130,
-7.9750

■ 175.6770, 77.9000,
-13.1080

■ 212.4490, 34.9840,
-6.2640

■ 166.3700, 88.9500,
-15.1300

■ 221.7560, 23.9340,
-4.2420

■ 157.1770, 99.6790,
-16.8410

■ 230.3620, 13.4800,
-2.0080

150.4290,
107.6570, -18.2550

239.5550, 2.7510,
-0.2970

248.1780, -6.3730,
-0.1410

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



192.4680, 60.3360, 7.8560



194.0630, 56.4420, -9.6860



190.2780, 30.3110, -26.2090

Triad

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



194.0630, 56.4420, -9.6860



153.2590, -126.8560, -46.8240



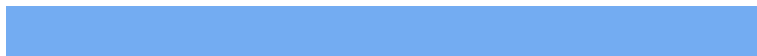
199.9450, 2.9740, 34.2220

Complementary

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



194.0630, 56.4420, -9.6860



162.9370, -56.4420, 9.6860

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.



191.6960, -36.5900, 13.3460



194.0630, 56.4420, -9.6860



154.9330, -140.0170, -34.0730

Square

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



194.0630, 56.4420, -9.6860



176.7840, -53.4990, -38.1630



175.7060, -87.2490, -10.2010



198.1800, 35.9850, 36.1850

Rectangle

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



194.0630, 56.4420, -9.6860



187.3720, 6.3790, -33.0210



175.7060, -87.2490, -10.2010



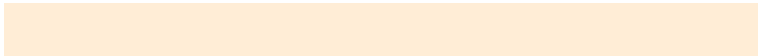
198.3840, -8.8080, 27.4800

Sweetspot

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



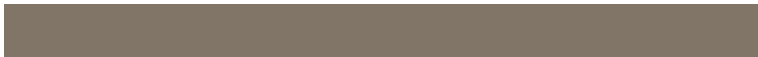
194.0630, 56.4420, -9.6860



239.7600, 18.1110, -3.3370



159.4710, 57.3950, 44.6510



118.6930, 11.0500, -2.0220



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.



194.0630, 56.4420, -9.6860



194.3820, 71.4810, -12.4150



225.7280, 37.1910, -40.7690



115.1100, 5.5020, -0.5940



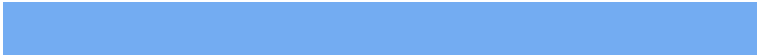
114.3030, 81.8890, -13.8150



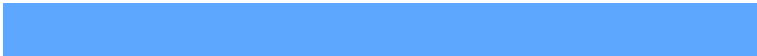
34.9410, 24.8510, -4.3410

Inverse Universe

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



162.9370, -56.4420, 9.6860



155.2050, -71.7560, 11.8920



131.2720, -37.1910, 40.7690



112.3030, -5.2270, 1.1170



69.1100, -81.6140, 14.3380



21.0590, -24.8510, 4.3410

Previews

White Background



This preview shows how the YIQ color 194.0630, 56.4420, -9.6860 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 194.0630, 56.4420, -9.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

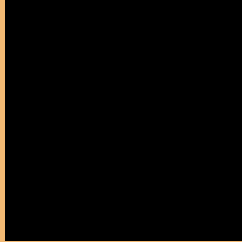
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.0630, 56.4420, -9.6860

Background



This preview shows how black text looks on a background with the YIQ color 194.0630, 56.4420, -9.6860.



This preview shows how white text looks on a background with the YIQ color 194.0630, 56.4420, -9.6860.

-9.6860.

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

194.0630, 56.4420, -9.6860

Protanopia

192.6040, 35.4450, -20.1310

Deuteranopia

194.0410, 53.5080, -11.5800



Tritanopia

199.0100, 38.7390, 19.3070

Trichromacy



Original Color

194.0630, 56.4420, -9.6860

Protanomaly

193.1320, 42.8260, -16.2300

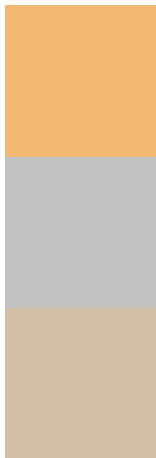
Deuteranomaly

193.7530, 54.3790, -10.8450

Tritanomaly

197.0950, 45.3890, 8.9170

Monochromacy



Original Color

194.0630, 56.4420, -9.6860

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0160, 20.2660, -3.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.0630, 56.4420, -9.6860 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(242, 185, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 115)  
}
```

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(242, 185, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 115) }
```

Border

The CSS property to change the border of an element to YIQ 194.0630, 56.4420, -9.6860 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(242, 185, 115) }
```


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

```
.border{ border-color:rgb(242, 185, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 194.0630, 56.4420, -9.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 115) }
```

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

```
.background{ background-color: rgb(242,  
185, 115) }
```

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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