

Converting Colors

YIQ(196.6250, 49.2880, -1.1760)

Have a look what the booklet for
YIQ(196.6250, 49.2880, -1.1760)
contains.

YIQ(196.6250, 49.2880, -1.1760)	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(196.6250, 49.2880,
-1.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B88C
RGB	243, 184, 140
RGB Percent	95%, 72%, 55%
CMY	0.0469, 0.2785, 0.4507
CMYK	0.00, 0.24, 0.42, 0.05
HSL	26°, 81%, 75%
HSV	26°, 42%, 95%
XYZ	58.8454, 55.2256, 32.3917
YIQ	196.6250, 49.2880, -1.1760

Conversions

Conversions Part 2

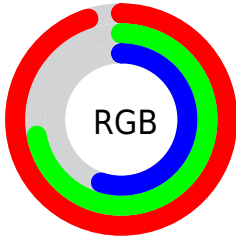
Format	Color
R _Y B	243, 217, 140
Decimal	15972492
CIE Lab	79.17, 15.93, 30.58
CIE LCh	79, 34.476, 62.482
Yxy	55.2256, 0.4018, 0.3771
Android (android.graphics.Color)	4294162572 (0xFFFF3B88C)
YUV	196.6250, -27.9161, 40.6709
Hunter-Lab	74.3139, 11.2955, 26.1766

Details

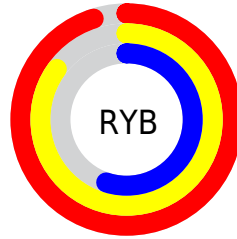
The YIQ color $196.6250, 49.2880, -1.1760$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.3750, -49.2880, 1.1760$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.2410, 23.7060, -11.1260$, and $142.3580, 45.6660, -1.6140$ is the 20% darker color. If you saturate the color by 10%, you get $185.6710, 60.8420, -1.3180$, and if you desaturate by 10%, it is $207.5790, 37.7340, -1.0340$.

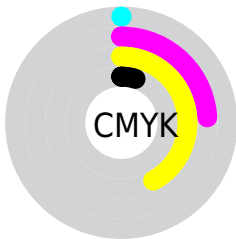
Distribution



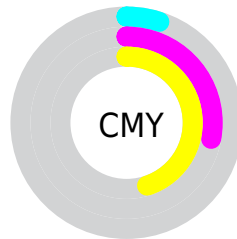
- Red (95%)
- Green (72%)
- Blue (55%)



- Red (95%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6250, 49.2880, -1.1760 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 196.6250, 49.2880, -1.1760 by changing the saturation by 10% instead.

196.6250, 49.2880,
-1.1760

196.6250, 49.2880,
-1.1760

255.0000, -0.0000,
-0.0000

169.1410, 47.7750,
-1.2890

239.2410, 23.7060,
-11.1260

142.3580, 45.6660,
-1.6140

251.2380, 10.5930,
-10.2630

116.2760, 42.9610,
-2.1510

254.5440, 1.2840,
-1.2440

91.0200, 40.8060,
-1.6420

66.8240, 38.4220,
-2.4900

43.8560, 35.3960,
-2.7160

23.7550, 25.6750,

2.7550

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 196.6250, 49.2880,
-1.1760

■ 196.6250, 49.2880,
-1.1760

■ 185.6710, 60.8420,
-1.3180

■ 207.5790, 37.7340,
-1.0340

■ 174.6030, 72.7170,
-1.7710

■ 218.6470, 25.8590,
-0.5810

■ 163.6490, 84.2710,
-1.9130

■ 229.6010, 14.3050,
-0.4390

■ 152.6950, 95.8250,
-2.0550

■ 240.5550, 2.7510,
-0.2970

■ 141.7410,
107.3790, -2.1970

■ 250.8250, -6.8770,
-2.0210

■ 133.7050,
116.2280, -2.8760

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



197.5520, 51.5320, 13.2280



196.6250, 49.2880, -1.1760



194.0970, 32.7390, -15.1410

Triad

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



196.6250, 49.2880, -1.1760



180.4820, -58.0400, -27.4480



199.2650, -10.0910, 23.1970

Complementary

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



196.6250, 49.2880, -1.1760



186.3750, -49.2880, 1.1760

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.



192.5380, -42.1370, 9.2470



196.6250, 49.2880, -1.1760



178.0470, -78.4440, -21.1000

Square

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



196.6250, 49.2880, -1.1760



185.7230, -25.1660, -28.5100



183.7250, -71.0650, -6.1450



201.1240, 21.2230, 28.3830

Rectangle

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



196.6250, 49.2880, -1.1760



192.0840, 16.4180, -22.2220



183.7250, -71.0650, -6.1450



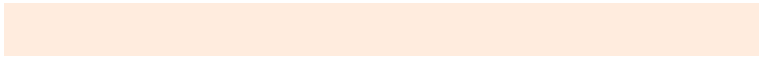
197.6980, -21.7360, 19.4800

Sweetspot

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



196.6250, 49.2880, -1.1760



240.0850, 15.8180, -0.3260



177.6370, 42.1280, 40.4960



118.5620, 10.0410, -0.2550



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.



196.6250, 49.2880, -1.1760



196.1550, 62.3550, -1.2050



225.9750, 35.5380, -27.3260



116.5230, 5.7770, -0.0710



101.9870, 89.1310, -1.8850



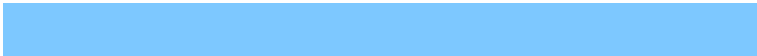
32.3160, 28.2890, -0.5670

Inverse Universe

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



186.3750, -49.2880, 1.1760



183.8450, -62.3550, 1.2050



157.0250, -35.5380, 27.3260



115.4770, -5.7770, 0.0710



84.0130, -89.1310, 1.8850



26.6840, -28.2890, 0.5670

Previews

White Background



This preview shows how the YIQ color 196.6250, 49.2880, -1.1760 looks on a white background.

Color Contrast Check

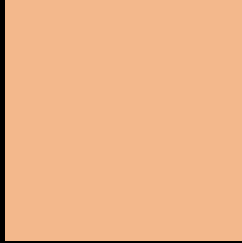
Large Text (above 18pt) WCAG AA × Fail

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 196.6250, 49.2880, -1.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

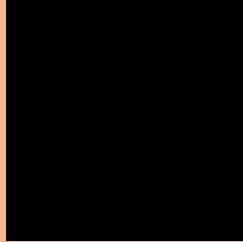
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.6250, 49.2880, -1.1760

Background



This preview shows how black text looks on a background with the YIQ color 196.6250, 49.2880, -1.1760.



This preview shows how white text looks on a background with the YIQ color 196.6250, 49.2880, -1.1760.

-1.1760.

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

196.6250, 49.2880, -1.1760

Protanopia

194.6710, 25.3110, -12.6810

Deuteranopia

196.1680, 43.1450, -5.4870



Tritanopia

199.8250, 37.8220, 19.4060

Trichromacy



Original Color

196.6250, 49.2880, -1.1760

Protanomaly

195.6830, 34.2050, -8.6670

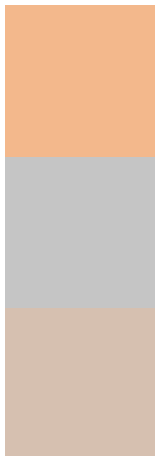
Deuteranomaly

196.4780, 45.2080, -4.3280

Tritanomaly

198.8220, 41.9040, 11.5040

Monochromacy



Original Color

196.6250, 49.2880, -1.1760

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.7540, 18.2480, -0.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6250, 49.2880, -1.1760 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, 184, 140)` looks like.

```
.text, #text, p{  
    color:rgb(243, 184, 140)  
}
```

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, 184, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 140) }
```

Border

The CSS property to change the border of an element to YIQ 196.6250, 49.2880, -1.1760 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, 184, 140) }
```


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

```
.border{ border-color:rgb(243, 184, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 184, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 140);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6250, 49.2880, -1.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 140) }
```

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

```
.background{ background-color: rgb(243,  
184, 140) }
```

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