

Converting Colors

YIQ(197.4600, 62.8140, -4.0180)

Have a look what the booklet for
YIQ(197.4600, 62.8140, -4.0180)
contains.

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Color

**YIQ(197.4600, 62.8140,
-4.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB779
RGB	255, 183, 121
RGB Percent	100%, 72%, 47%
CMY	0.0000, 0.2824, 0.5252
CMYK	0.00, 0.28, 0.53, 0.00
HSL	28°, 100%, 74%
HSV	28°, 53%, 100%
XYZ	61.6231, 56.4968, 25.7706
YIQ	197.4600, 62.8140, -4.0180

Conversions

Conversions Part 2

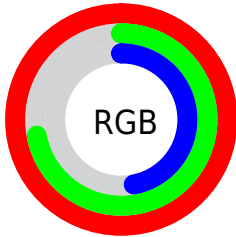
Format	Color
R _Y B	255, 236, 121
Decimal	16758649
CIE Lab	79.90, 19.41, 41.62
CIE LCh	80, 45.926, 65.002
Yxy	56.4968, 0.4283, 0.3926
Android (android.graphics.Color)	4294948729 (0xFFFFB779)
YUV	197.4600, -37.6948, 50.4626
Hunter-Lab	75.1643, 14.8047, 32.2870

Details

The YIQ color **197.4600, 62.8140, -4.0180** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178.5400, -62.8140, 4.0180**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3740, 30.4010, -16.8230**, and **142.7090, 57.6790, -4.5690** is the 20% darker color. If you saturate the color by 10%, you get **186.3920, 74.6890, -4.4710**, and if you desaturate by 10%, it is **208.6420, 50.6180, -3.2540**.

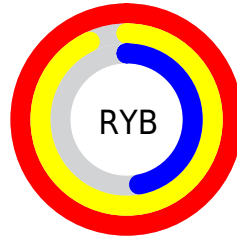
Distribution



Red (100%)

Green (72%)

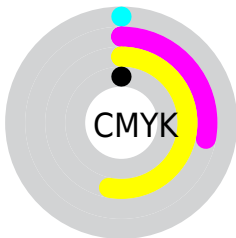
Blue (47%)



Red (100%)

Yellow (93%)

Blue (47%)

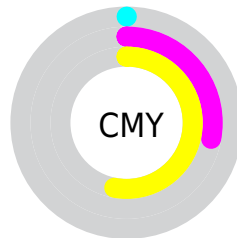


Cyan (0%)

Magenta (28%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.4600, 62.8140, -4.0180 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 197.4600, 62.8140, -4.0180 by changing the saturation by 10% instead.


 197.4600, 62.8140,
-4.0180


 197.4600, 62.8140,
-4.0180


255.0000, -0.0000,
-0.0000


 169.7910, 60.3840,
-4.0320


 236.3740, 30.4010,
-16.8230


 142.7090, 57.6790,
-4.5690


 248.9580, 17.0130,
-16.4830

 116.6270, 54.9740,
-5.1060

 252.1500, 8.0250,
-7.7750

 90.4310, 52.5900,
-5.9540

 66.0500, 49.2890,
-6.7030

 45.0630, 39.2470,
-0.9210

 24.6630, 28.9300,

4.3380

■ 9.9810, 19.3470,
7.3070

■ 0.0000, 0.0000,
0.0000

■ 197.4600, 62.8140,
-4.0180

■ 197.4600, 62.8140,
-4.0180

■ 186.3920, 74.6890,
-4.4710

■ 208.6420, 50.6180,
-3.2540

■ 175.7970, 86.6100,
-5.7580

■ 219.1230, 39.0180,
-2.2780

■ 164.7290, 98.4850,
-6.2110

■ 230.3050, 26.8220,
-1.5140

■ 153.5470,
110.6810, -6.9750

■ 241.3730, 14.9470,
-1.0610

145.5110,
119.5300, -7.6540

252.5550, 2.7510,
-0.2970

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



192.6620, 57.0340, 12.6340



197.4600, 62.8140, -4.0180



194.3610, 40.4430, -22.6050

Triad

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



197.4600, 62.8140, -4.0180



166.4380, -99.4390, -42.5990



200.4660, -6.1030, 28.0170

Complementary

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



197.4600, 62.8140, -4.0180



178.5400, -62.8140, 4.0180

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.



189.8250, -50.4350, 5.4450



197.4600, 62.8140, -4.0180



156.5970, -139.1910, -38.0310

Square

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



197.4600, 62.8140, -4.0180



182.0860, -39.7900, -38.8140



169.6600, -107.9710, -20.1230



202.8250, 29.7950, 38.2350

Rectangle

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



197.4600, 62.8140, -4.0180



190.9990, 17.7950, -30.6610



169.6600, -107.9710, -20.1230



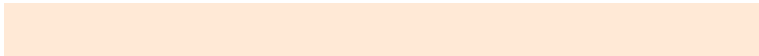
198.0080, -19.6730, 20.6390

Sweetspot

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



197.4600, 62.8140, -4.0180



237.4120, 19.2110, -1.2450



169.5020, 56.1100, 51.4220



116.9320, 11.8750, -0.4530



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.



197.4600, 62.8140, -4.0180



186.1640, 75.3310, -5.0930



235.6150, 44.9390, -38.0130



122.4090, 6.0980, -0.3820



108.7650, 89.6360, -5.5320



36.1590, 30.1690, -1.5990

Inverse Universe

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



178.5400, -62.8140, 4.0180



163.4230, -75.6060, 4.5700



140.3850, -44.9390, 38.0130



120.5910, -6.0980, 0.3820



82.2350, -89.6360, 5.5320



27.2540, -29.8940, 2.1220

Previews

White Background



This preview shows how the YIQ color 197.4600, 62.8140, -4.0180 looks on a white background.

Color Contrast Check

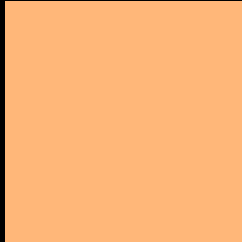
Large Text (above 18pt) WCAG AA × Fail

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 197.4600, 62.8140, -4.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

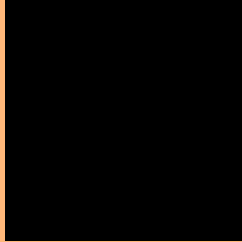
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4600, 62.8140, -4.0180

Background



This preview shows how black text looks on a background with the YIQ color 197.4600, 62.8140, -4.0180.



This preview shows how white text looks on a background with the YIQ color 197.4600, 62.8140, -4.0180.

-4.0180.

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

197.4600, 62.8140, -4.0180

Protanopia

195.2880, 33.5190, -18.2650

Deuteranopia

196.6820, 53.1410, -10.4350



Tritanopia

201.6900, 42.6360, 20.2680

Trichromacy



Original Color

197.4600, 62.8140, -4.0180

Protanomaly

196.3110, 43.8800, -13.3040

Deuteranomaly

197.0030, 56.6710, -8.3290

Tritanomaly

200.0140, 50.1110, 11.4470

Monochromacy



Original Color

197.4600, 62.8140, -4.0180

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1520, 22.8790, -1.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4600, 62.8140, -4.0180 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(255, 183, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 121)  
}
```

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(255, 183, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 121) }
```

Border

The CSS property to change the border of an element to YIQ 197.4600, 62.8140, -4.0180 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(255, 183, 121) }
```


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

```
.border{ border-color:rgb(255, 183, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 121); box-shadow:4px 4px 4px 4px rgb(255, 183, 121) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4600, 62.8140, -4.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 121) }
```

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

```
.background{ background-color: rgb(255,  
183, 121) }
```

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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