

Converting Colors

YIQ(197.5180, 48.8720, 17.3840)

Have a look what the booklet for
YIQ(197.5180, 48.8720, 17.3840)
contains.

YIQ(197.5180, 48.8720, 17.3840)	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(197.5180, 48.8720,
17.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADAD
RGB	255, 173, 173
RGB Percent	100%, 68%, 68%
CMY	0.0000, 0.3217, 0.3214
CMYK	0.00, 0.32, 0.32, 0.00
HSL	360°, 100%, 84%
HSV	360°, 32%, 100%
XYZ	63.7246, 54.1530, 46.6542
YIQ	197.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

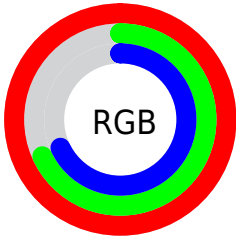
Format	Color
R _Y B	255, 173, 173
Decimal	16756141
CIE Lab	78.55, 30.07, 12.24
CIE LCh	79, 32.465, 22.149
Yxy	54.1530, 0.3873, 0.3291
Android (android.graphics.Color)	4294946221 (0xFFFFADAD)
YUV	197.5180, -12.0874, 50.4117
Hunter-Lab	73.5887, 25.7929, 13.9231

Details

The YIQ color **197.5180, 48.8720, 17.3840** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **230.4820, -48.8720, -17.3840**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6600, 15.8170, 5.2010**, and **142.8380, 44.9750, 16.4230** is the 20% darker color. If you saturate the color by 10%, you get **179.4060, 64.0470, 23.2070**, and if you desaturate by 10%, it is **215.1570, 33.6510, 12.3950**.

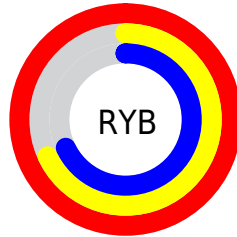
Distribution



Red (100%)

Green (68%)

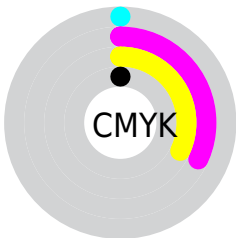
Blue (68%)



Red (100%)

Yellow (68%)

Blue (68%)

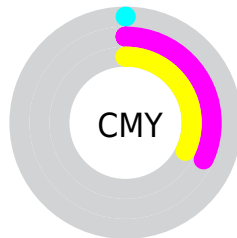


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.5180, 48.8720, 17.3840 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 197.5180, 48.8720, 17.3840 by changing the saturation by 10% instead.


 197.5180, 48.8720,
17.3840

 197.5180, 48.8720,
17.3840


255.0000, -0.0000,
-0.0000


 169.6210, 47.0840,
16.7480


 236.6600, 15.8170,
5.2010

 142.8380, 44.9750,
16.4230

 116.3540, 43.4620,
16.3100

 91.1580, 41.0780,
15.4620

 66.4890, 38.6480,
15.4480

 41.9340, 35.8970,
15.7450

 18.5810, 35.3930,

13.8650

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 197.5180, 48.8720,
17.3840

■ 197.5180, 48.8720,
17.3840

■ 179.4060, 64.0470,
23.2070

■ 215.1570, 33.6510,
12.3950

■ 161.7670, 79.2680,
28.1960

■ 233.2690, 18.4760,
6.5720

■ 143.6550, 94.4430,
34.0190

■ 250.7940, 3.5760,
1.2720

■ 126.0160,
109.6640, 39.0080

■ 255.0000, -0.0000,
-0.0000

■ 107.9040,
124.8390, 44.8310

■ 90.2650, 140.0600,
49.8200

■ 76.2450, 151.9800,
54.0600

Harmonies

Analogous

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



199.2580, 35.3450, 25.7530



197.5180, 48.8720, 17.3840



195.7870, 49.0120, 3.8280

Triad

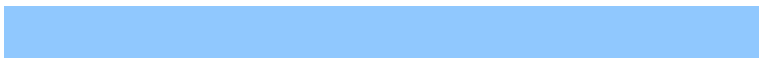
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.5180, 48.8720, 17.3840



186.5350, -12.8330, -26.2490



189.4120, -50.7100, 4.9220

Complementary

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



197.5180, 48.8720, 17.3840



230.4820, -48.8720, -17.3840

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.



180.9760, -70.5140, -10.6260



197.5180, 48.8720, 17.3840



182.0230, -43.5060, -26.5300

Square

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



197.5180, 48.8720, 17.3840



190.2520, 16.0050, -20.2430



178.3810, -67.7610, -21.9770



195.6550, -20.1770, 18.7590

Rectangle

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



197.5180, 48.8720, 17.3840



194.1680, 43.1450, -5.4870



178.3810, -67.7610, -21.9770



186.6450, -58.9160, -0.5480

Sweetspot

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



197.5180, 48.8720, 17.3840



237.4750, 14.9000, 5.3000



206.5670, 21.9540, 42.6740



116.7840, 9.5360, 3.3920



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.



197.5180, 48.8720, 17.3840



185.6010, 59.0040, 20.9880



220.9980, 37.8720, -3.5360



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Inverse Universe

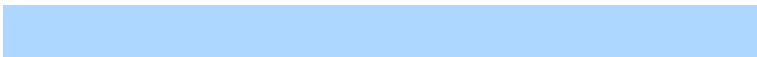
The Inverse Universe completely reimagines the original color for something new.



197.5180, 48.8720, 17.3840



185.6010, 59.0040, 20.9880



207.0020, -37.8720, 3.5360



118.8870, 7.7480, 2.7560



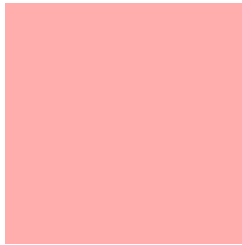
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 197.5180, 48.8720, 17.3840 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 197.5180, 48.8720, 17.3840 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 197.5180, 48.8720, 17.3840

Background



This preview shows how black text looks on a background with the YIQ color 197.5180, 48.8720, 17.3840.



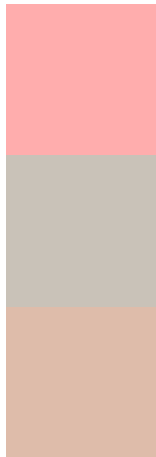
This preview shows how white text looks on a background with the YIQ color 197.5180, 48.8720,

17.3840.

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

197.5180, 48.8720, 17.3840

Protanopia

194.9530, 7.3820, -1.6260

Deuteranopia

196.1140, 26.0420, 1.6100



Tritanopia

198.1850, 45.6160, 21.3280

Trichromacy



Original Color

197.5180, 48.8720, 17.3840

Protanomaly

195.7810, 22.7860, 5.5540

Deuteranomaly

196.8810, 34.2480, 7.0800

Tritanomaly

197.7290, 46.9000, 20.0840

Monochromacy



Original Color

197.5180, 48.8720, 17.3840

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9700, 17.8800, 6.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5180, 48.8720, 17.3840 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, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 173)  
}
```

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, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 173) }
```

Border

The CSS property to change the border of an element to YIQ 197.5180, 48.8720, 17.3840 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, 173, 173) }
```


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

```
.border{ border-color:rgb(255, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5180, 48.8720, 17.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 173) }
```

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

```
.background{ background-color: rgb(255,  
173, 173) }
```

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