

Converting Colors

YIQ(198.6010, 49.8360, 10.9240)

Have a look what the booklet for
YIQ(198.6010, 49.8360, 10.9240)
contains.

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Color

**YIQ(198.6010, 49.8360,
10.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB2A2
RGB	253, 178, 162
RGB Percent	99%, 70%, 64%
CMY	0.0077, 0.3021, 0.3645
CMYK	0.00, 0.30, 0.36, 0.01
HSL	10°, 96%, 81%
HSV	10°, 36%, 99%
XYZ	62.9641, 55.3295, 41.5685
YIQ	198.6010, 49.8360, 10.9240

Conversions

Conversions Part 2

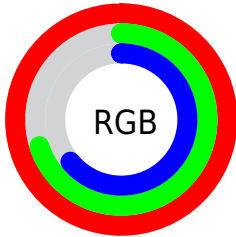
Format	Color
R _Y B	253, 181, 162
Decimal	16626338
CIE Lab	79.23, 25.39, 19.10
CIE LCh	79, 31.774, 36.956
Yxy	55.3295, 0.3939, 0.3461
Android (android.graphics.Color)	4294816418 (0xFFFD B2A2)
YUV	198.6010, -18.0443, 47.7079
Hunter-Lab	74.3838, 20.9244, 18.9351

Details

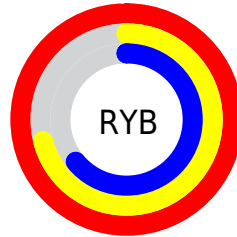
The YIQ color **198.6010, 49.8360, 10.9240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.3990, -49.8360, -10.9240**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3410, 17.9730, -0.8350**, and **143.9210, 45.9390, 9.9630** is the 20% darker color. If you saturate the color by 10%, you get **183.4240, 63.6360, 14.1320**, and if you desaturate by 10%, it is **213.7780, 36.0360, 7.7160**.

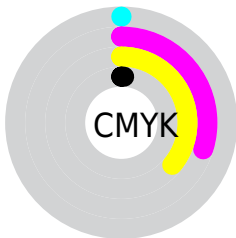
Distribution



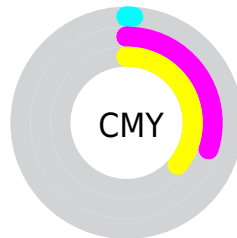
- Red (99%)
- Green (70%)
- Blue (64%)



- Red (99%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.6010, 49.8360, 10.9240 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 198.6010, 49.8360, 10.9240 by changing the saturation by 10% instead.


 198.6010, 49.8360,
10.9240


 198.6010, 49.8360,
10.9240


255.0000, -0.0000,
-0.0000


 170.8180, 47.7270,
10.5990


 238.3410, 17.9730,
-0.8350


 143.9210, 45.9390,
9.9630

 253.8600, 3.2100,
-3.1100

 117.5510, 44.1050,
10.1610

 92.4690, 41.4000,
9.6240

 67.8000, 38.9700,
9.6100

 43.8320, 35.9440,
9.3840

 20.5760, 33.7890,

9.8930

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 198.6010, 49.8360,
10.9240

■ 198.6010, 49.8360,
10.9240

■ 183.4240, 63.6360,
14.1320

■ 213.7780, 36.0360,
7.7160

■ 168.1330, 77.7570,
17.0290

■ 229.0690, 21.9150,
4.8190

■ 152.9560, 91.5570,
20.2370

■ 244.2460, 8.1150,
1.6110

■ 137.7790,
105.3570, 23.4450

254.4020, -1.1920,
-0.4240

■ 123.1890,
118.8820, 26.1300

■ 107.8980,
133.0030, 29.0270

■ 101.4750,
138.6880, 30.6240

Harmonies

Analogous

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



200.0430, 43.1400, 22.1480



198.6010, 49.8360, 10.9240



196.9340, 43.9240, -3.0840

Triad

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



198.6010, 49.8360, 10.9240



186.5210, -27.4130, -26.3330



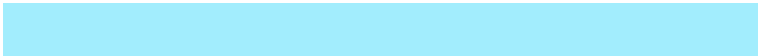
194.9410, -35.9020, 11.8900

Complementary

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



198.6010, 49.8360, 10.9240



216.3990, -49.8360, -10.9240

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.



187.3950, -61.2080, -3.0640



198.6010, 49.8360, 10.9240



182.1450, -55.4730, -24.4090

Square

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



198.6010, 49.8360, 10.9240



190.4290, 2.2050, -23.4510



181.2870, -70.1920, -16.4640



199.4890, -4.9100, 22.9140

Rectangle

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



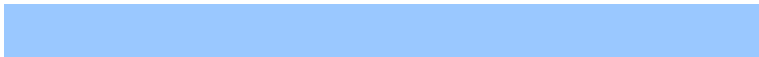
198.6010, 49.8360, 10.9240



194.6890, 34.0680, -11.6920



181.2870, -70.1920, -16.4640



192.5160, -45.0710, 7.3530

Sweetspot

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



198.6010, 49.8360, 10.9240



238.3070, 15.3130, 3.3210



197.8730, 29.8400, 42.9280



117.8440, 9.3070, 2.0350



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.



198.6010, 49.8360, 10.9240



189.6300, 60.0600, 12.8600



225.0160, 37.4610, -12.6110



120.0610, 7.1980, 1.7100



76.4800, 104.7610, 23.2330



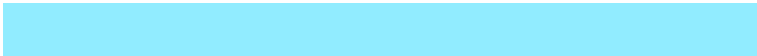
25.5930, 35.1190, 7.8150

Inverse Universe

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



216.3990, -49.8360, -10.9240



210.9570, -60.3350, -13.3830



189.9840, -37.4610, 12.6110



122.3520, -6.9230, -1.1870



114.5200, -104.7610, -23.2330



38.4070, -35.1190, -7.8150

Previews

White Background



This preview shows how the YIQ color 198.6010, 49.8360, 10.9240 looks on a white background.

Color Contrast Check

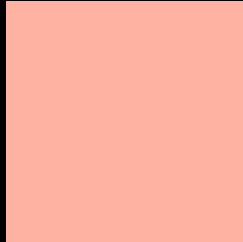
Large Text (above 18pt) WCAG AA × Fail

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 198.6010, 49.8360, 10.9240 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 198.6010, 49.8360, 10.9240

Background



This preview shows how black text looks on a background with the YIQ color 198.6010, 49.8360, 10.9240.



This preview shows how white text looks on a background with the YIQ color 198.6010, 49.8360,

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

198.6010, 49.8360, 10.9240

Protanopia

196.1400, 13.9850, -5.6550

Deuteranopia

197.3550, 32.5530, -0.7510



Tritanopia

199.8150, 43.7820, 21.5260

Trichromacy



Original Color

198.6010, 49.8360, 10.9240

Protanomaly

196.7720, 27.0050, 0.6770

Deuteranomaly

197.8120, 38.6960, 3.5600

Tritanomaly

199.0770, 45.8000, 17.9920

Monochromacy



Original Color

198.6010, 49.8360, 10.9240

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8020, 18.2930, 4.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6010, 49.8360, 10.9240 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(253, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 162)  
}
```

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(253, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 162) }
```

Border

The CSS property to change the border of an element to YIQ 198.6010, 49.8360, 10.9240 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(253, 178, 162) }
```


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

```
.border{ border-color:rgb(253, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(253, 178,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6010, 49.8360, 10.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 178, 162) }
```

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

```
.background{ background-color: rgb(253,  
178, 162) }
```

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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