

Converting Colors

YIQ(196.6610, 49.6070, 9.5670)

Have a look what the booklet for
YIQ(196.6610, 49.6070, 9.5670)
contains.

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Color

**YIQ(196.6610, 49.6070,
9.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB19E
RGB	250, 177, 158
RGB Percent	98%, 69%, 62%
CMY	0.0194, 0.3060, 0.3802
CMYK	0.00, 0.29, 0.37, 0.02
HSL	12°, 90%, 80%
HSV	12°, 37%, 98%
XYZ	61.3314, 54.2342, 39.6078
YIQ	196.6610, 49.6070, 9.5670

Conversions

Conversions Part 2

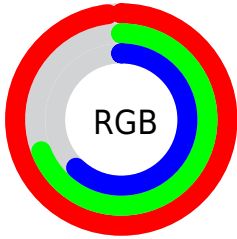
Format	Color
R _Y B	250, 182, 158
Decimal	16429470
CIE Lab	78.60, 24.32, 20.33
CIE LCh	79, 31.696, 39.897
Yxy	54.2342, 0.3952, 0.3495
Android (android.graphics.Color)	4294619550 (0xFFFFAB19E)
YUV	196.6610, -19.0599, 46.7783
Hunter-Lab	73.6439, 19.7798, 19.6628

Details

The YIQ color **196.6610, 49.6070, 9.5670** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **211.3390, -49.6070, -9.5670**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.2980, 19.5320, -1.5560**, and **142.3940, 45.9850, 9.1290** is the 20% darker color. If you saturate the color by 10%, you get **182.0710, 63.1320, 12.2520**, and if you desaturate by 10%, it is **211.2510, 36.0820, 6.8820**.

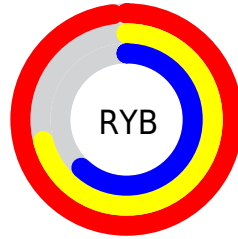
Distribution



Red (98%)

Green (69%)

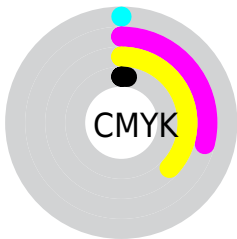
Blue (62%)



Red (98%)

Yellow (71%)

Blue (62%)

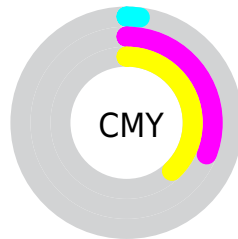


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6610, 49.6070, 9.5670 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 196.6610, 49.6070, 9.5670 by changing the saturation by 10% instead.

196.6610, 49.6070,
9.5670

196.6610, 49.6070,
9.5670

255.0000, -0.0000,
-0.0000

169.1770, 48.0940,
9.4540

237.2980, 19.5320,
-1.5560

142.3940, 45.9850,
9.1290

253.4040, 4.4940,
-4.3540

116.1980, 43.6010,
8.2810

90.5290, 41.1710,
8.2670

66.4470, 38.4660,
7.7300

42.8920, 35.7150,
8.0270

19.6790, 32.0010,

9.2570

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 196.6610, 49.6070,
9.5670

■ 196.6610, 49.6070,
9.5670

■ 182.0710, 63.1320,
12.2520

■ 211.2510, 36.0820,
6.8820

■ 167.4810, 76.6570,
14.9370

■ 225.8410, 22.5570,
4.1970

■ 152.8910, 90.1820,
17.6220

■ 240.4310, 9.0320,
1.5120

■ 138.8880,
103.4320, 19.7840

■ 253.5050, -2.9800,
-1.0600

■ 124.2980,
116.9570, 22.4690

■ 109.7080,
130.4820, 25.1540

■ 104.6870,
134.9750, 26.3270

Harmonies

Analogous

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



198.4020, 43.5070, 21.0030



196.6610, 49.6070, 9.5670



194.8090, 42.7780, -4.3420

Triad

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



196.6610, 49.6070, 9.5670



183.9660, -30.1640, -26.0360



193.7350, -32.3260, 13.1620

Complementary

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



196.6610, 49.6070, 9.5670



211.3390, -49.6070, -9.5670

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.



186.1180, -58.8700, -1.3820



196.6610, 49.6070, 9.5670



180.0030, -57.9490, -23.5890

Square

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



196.6610, 49.6070, 9.5670



188.4610, -0.8210, -23.6770



179.8140, -70.2380, -15.6300



198.4570, -1.8840, 23.1400

Rectangle

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



196.6610, 49.6070, 9.5670



193.3790, 32.0050, -12.8510



179.8140, -70.2380, -15.6300



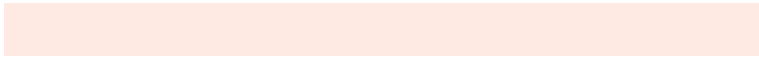
191.1250, -42.4120, 8.7240

Sweetspot

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



196.6610, 49.6070, 9.5670



238.8940, 15.0380, 2.7980



193.9440, 31.0780, 42.5180



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.



196.6610, 49.6070, 9.5670



189.9890, 60.4270, 11.7150



223.0760, 37.2320, -13.9680



117.6480, 6.9230, 1.1870



79.4040, 101.9190, 19.6710



25.8700, 32.7810, 6.1330

Inverse Universe

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



211.3390, -49.6070, -9.5670



208.0110, -60.4270, -11.7150



184.9240, -37.2320, 13.9680



119.3520, -6.9230, -1.1870



109.5960, -101.9190, -19.6710



35.7170, -33.0560, -6.6560

Previews

White Background



This preview shows how the YIQ color 196.6610, 49.6070, 9.5670 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 196.6610, 49.6070, 9.5670 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 196.6610, 49.6070, 9.5670

Background



This preview shows how black text looks on a background with the YIQ color 196.6610, 49.6070, 9.5670.



This preview shows how white text looks on a background with the YIQ color 196.6610, 49.6070, 9.5670.

9.5670.

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

196.6610, 49.6070, 9.5670

Protanopia

194.2110, 15.2230, -6.0650

Deuteranopia

195.4260, 33.7910, -1.1610



Tritanopia

198.4020, 43.5070, 21.0030

Trichromacy



Original Color

196.6610, 49.6070, 9.5670

Protanomaly

195.1310, 27.3720, -0.4680

Deuteranomaly

195.5840, 39.3380, 2.9380

Tritanomaly

197.5500, 45.8460, 17.1580

Monochromacy



Original Color

196.6610, 49.6070, 9.5670

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9760, 17.7430, 3.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6610, 49.6070, 9.5670 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(250, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 158)  
}
```

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(250, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 158) }
```

Border

The CSS property to change the border of an element to YIQ 196.6610, 49.6070, 9.5670 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(250, 177, 158) }
```


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

```
.border{ border-color:rgb(250, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6610, 49.6070, 9.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 158) }
```

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

```
.background{ background-color: rgb(250,  
177, 158) }
```

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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