

Converting Colors

YIQ(196.2980, 55.0630, 9.8070)

Have a look what the booklet for
YIQ(196.2980, 55.0630, 9.8070)
contains.

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Color

**YIQ(196.2980, 55.0630,
9.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF98
RGB	255, 175, 152
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3138, 0.4037
CMYK	0.00, 0.31, 0.40, 0.00
HSL	13°, 100%, 80%
HSV	13°, 40%, 100%
XYZ	62.2359, 54.1758, 36.9084
YIQ	196.2980, 55.0630, 9.8070

Conversions

Conversions Part 2

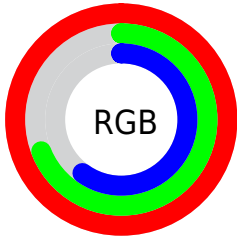
Format	Color
R _Y B	255, 182, 152
Decimal	16756632
CIE Lab	78.56, 26.58, 23.59
CIE LCh	79, 35.537, 41.595
Yxy	54.1758, 0.4059, 0.3534
Android (android.graphics.Color)	4294946712 (0xFFFFAF98)
YUV	196.2980, -21.8389, 51.4817
Hunter-Lab	73.6042, 22.1228, 21.7923

Details

The YIQ color **196.2980, 55.0630, 9.8070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.7020, -55.0630, -9.8070**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.3260, 22.3290, -2.6870**, and **141.7320, 50.8450, 9.1570** is the 20% darker color. If you saturate the color by 10%, you get **181.7080, 68.5880, 12.4920**, and if you desaturate by 10%, it is **211.0020, 41.2170, 7.4330**.

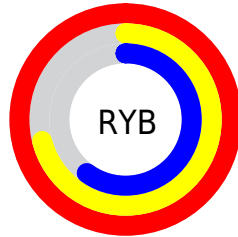
Distribution



Red (100%)

Green (69%)

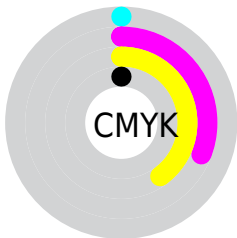
Blue (60%)



Red (100%)

Yellow (71%)

Blue (60%)

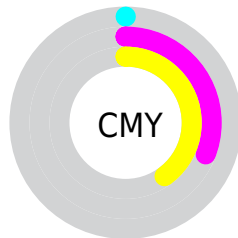


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.2980, 55.0630, 9.8070 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 196.2980, 55.0630, 9.8070 by changing the saturation by 10% instead.


 196.2980, 55.0630,
9.8070


 196.2980, 55.0630,
9.8070


255.0000, -0.0000,
-0.0000


 168.5150, 52.9540,
9.4820


 235.3260, 22.3290,
-2.6870


 141.7320, 50.8450,
9.1570

 252.7200, 6.4200,
-6.2200

 115.6500, 48.1400,
8.6200

 89.9810, 45.7100,
8.6060

 65.6000, 42.4090,
7.8570

 40.9310, 39.9790,
7.8430

 18.5160, 34.0180,

11.2500

■ 10.2800, 19.9430,
7.5190

■ 0.0000, 0.0000,
0.0000

■ 196.2980, 55.0630,
9.8070

■ 196.2980, 55.0630,
9.8070

■ 181.7080, 68.5880,
12.4920

■ 211.0020, 41.2170,
7.4330

■ 167.0040, 82.4340,
14.8660

■ 225.5920, 27.6920,
4.7480

■ 152.4140, 95.9590,
17.5510

■ 239.7090, 14.1210,
2.8970

■ 138.2970,
109.5300, 19.4020

■ 254.2990, 0.5960,
0.2120

■ 123.7070,
123.0550, 22.0870

255.0000, -0.0000,
-0.0000

■ 109.7040,
136.3050, 24.2490

Harmonies

Analogous

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



196.8970, 46.4870, 22.0630



196.2980, 55.0630, 9.8070



193.9080, 46.8130, -5.8830

Triad

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



196.2980, 55.0630, 9.8070



181.7370, -36.9490, -29.7250



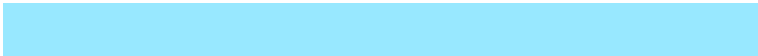
193.1910, -33.6100, 14.4060

Complementary

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



196.2980, 55.0630, 9.8070



210.7020, -55.0630, -9.8070

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.



183.8120, -66.7560, -1.6360



196.2980, 55.0630, 9.8070



176.3220, -69.2730, -27.6170

Square

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



196.2980, 55.0630, 9.8070



186.9830, -2.4710, -26.8150



175.4040, -83.7630, -18.3150



198.3480, 0.0410, 26.8010

Rectangle

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



196.2980, 55.0630, 9.8070



192.1680, 33.9770, -15.5510



175.4040, -83.7630, -18.3150



190.4560, -44.8420, 8.7100

Sweetspot

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



196.2980, 55.0630, 9.8070



237.3780, 16.5510, 2.9110



192.0310, 35.3870, 47.0270



117.7300, 9.6280, 1.7240



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.



196.2980, 55.0630, 9.8070



185.3270, 65.2870, 11.7430



226.2350, 41.0380, -16.8660



120.6480, 6.9230, 1.1870



82.3500, 102.0110, 18.0030



27.3540, 34.2940, 6.2460

Inverse Universe

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



210.7020, -55.0630, -9.8070



202.6730, -65.2870, -11.7430



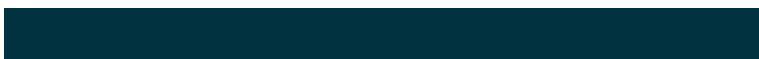
180.7650, -41.0380, 16.8660



122.3520, -6.9230, -1.1870



109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Previews

White Background



This preview shows how the YIQ color 196.2980, 55.0630, 9.8070 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 196.2980, 55.0630, 9.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

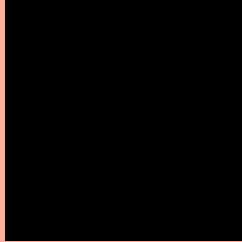
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.2980, 55.0630, 9.8070

Background



This preview shows how black text looks on a background with the YIQ color 196.2980, 55.0630, 9.8070.



This preview shows how white text looks on a background with the YIQ color 196.2980, 55.0630,

9.8070.

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

196.2980, 55.0630, 9.8070

Protanopia

193.8260, 17.7450, -7.7190

Deuteranopia

195.3400, 36.9090, -2.6030



Tritanopia

198.1850, 45.6160, 21.3280

Trichromacy



Original Color

196.2980, 55.0630, 9.8070

Protanomaly

194.7570, 31.3610, -1.1750

Deuteranomaly

195.7970, 43.0520, 1.7080

Tritanomaly

197.4040, 49.1930, 17.0730

Monochromacy



Original Color

196.2980, 55.0630, 9.8070

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.7590, 19.8520, 3.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2980, 55.0630, 9.8070 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, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 152)  
}
```

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, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 152) }
```

Border

The CSS property to change the border of an element to YIQ 196.2980, 55.0630, 9.8070 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, 175, 152) }
```


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

```
.border{ border-color:rgb(255, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2980, 55.0630, 9.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 152) }
```

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

```
.background{ background-color: rgb(255,  
175, 152) }
```

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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