

Converting Colors

YIQ(178.0300, 70.3770, 7.6010)

Have a look what the booklet for
YIQ(178.0300, 70.3770, 7.6010)
contains.

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Color

**YIQ(178.0300, 70.3770,
7.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9A71
RGB	250, 154, 113
RGB Percent	98%, 60%, 44%
CMY	0.0194, 0.3962, 0.5565
CMYK	0.00, 0.38, 0.55, 0.02
HSL	18°, 93%, 71%
HSV	18°, 55%, 98%
XYZ	53.9769, 44.6254, 21.4149
YIQ	178.0300, 70.3770, 7.6010

Conversions

Conversions Part 2

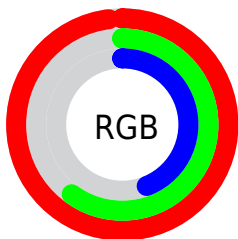
Format	Color
R _Y B	250, 172, 113
Decimal	16423537
CIE Lab	72.64, 31.97, 36.53
CIE LCh	73, 48.540, 48.807
Yxy	44.6254, 0.4497, 0.3718
Android (android.graphics.Color)	4294613617 (0xFFFA9A71)
YUV	178.0300, -32.0598, 63.1177
Hunter-Lab	66.8023, 27.3258, 27.7549

Details

The YIQ color **178.0300, 70.3770, 7.6010** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **184.9700, -70.3770, -7.6010**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.7380, 41.5400, -3.9320**, and **123.9800, 64.6460, 6.8380** is the 20% darker color. If you saturate the color by 10%, you get **164.6140, 83.3520, 9.2400**, and if you desaturate by 10%, it is **191.4460, 57.4020, 5.9620**.

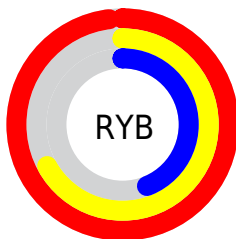
Distribution



Red (98%)

Green (60%)

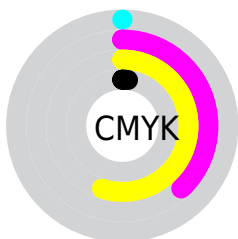
Blue (44%)



Red (98%)

Yellow (67%)

Blue (44%)

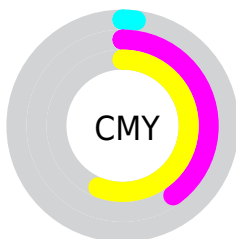


Cyan (0%)

Magenta (38%)

Yellow (55%)

Black (2%)



Cyan (2%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.0300, 70.3770, 7.6010 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 178.0300, 70.3770, 7.6010 by changing the saturation by 10% instead.


 178.0300, 70.3770,
7.6010


 178.0300, 70.3770,
7.6010


255.0000, -0.0000,
-0.0000


 150.3610, 67.9470,
7.5870


 217.7380, 41.5400,
-3.9320


 123.9800, 64.6460,
6.8380


 237.9530, 24.5770,
-10.3910

 97.7130, 61.0240,
6.4000

 251.1240, 10.9140,
-10.5740

 72.3320, 57.7230,
5.6510

 254.4300, 1.6050,
-1.5550

 47.2330, 53.6880,
7.1920

 23.3000, 43.5540,
14.6420

 14.6510, 29.2040,

10.3880

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 178.0300, 70.3770,
7.6010

■ 178.0300, 70.3770,
7.6010

■ 164.6140, 83.3520,
9.2400

■ 191.4460, 57.4020,
5.9620

■ 151.7850, 96.0520,
10.3560

■ 204.2750, 44.7020,
4.8460

■ 138.3690,
109.0270, 11.9950

■ 217.6910, 31.7270,
3.2070

■ 125.5400,
121.7270, 13.1110

■ 230.5200, 19.0270,
2.0910

■ 118.7750,
128.3750, 13.7750

■ 243.9360, 6.0520,
0.4520

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



177.5140, 63.8630, 26.5430



178.0300, 70.3770, 7.6010



175.8300, 55.4800, -14.2800

Triad

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



178.0300, 70.3770, 7.6010



151.4870, -74.7720, -43.6040



177.2650, -36.4540, 21.8980

Complementary

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



178.0300, 70.3770, 7.6010



184.9700, -70.3770, -7.6010

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.



156.7680, -98.9870, -6.7230



178.0300, 70.3770, 7.6010



141.3570, -121.0800, -41.3680

Square

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



178.0300, 70.3770, 7.6010



165.8900, -15.8110, -38.3630



143.4550, -132.4990, -27.1470



183.4730, 10.3550, 38.1230

Rectangle

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



178.0300, 70.3770, 7.6010



173.3990, 37.2800, -25.8560



143.4550, -132.4990, -27.1470



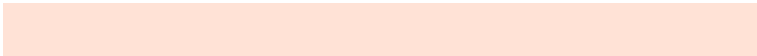
172.1270, -53.9210, 13.5590

Sweetspot

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



178.0300, 70.3770, 7.6010



233.3030, 21.1360, 2.4160



165.1350, 50.1940, 59.5220



115.1710, 12.7000, 1.1160



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.



178.0300, 70.3770, 7.6010



166.5820, 86.3780, 9.4660



216.7720, 52.2270, -26.9170



118.2350, 6.6480, 0.6640



89.3830, 97.2440, 10.7800



28.8050, 31.4060, 3.5180

Inverse Universe

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



184.9700, -70.3770, -7.6010



175.4180, -86.3780, -9.4660



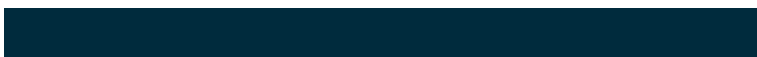
146.2280, -52.2270, 26.9170



118.7650, -6.6480, -0.6640



99.0300, -96.9690, -10.2570



32.1950, -31.4060, -3.5180

Previews

White Background



This preview shows how the YIQ color 178.0300, 70.3770, 7.6010 looks on a white background.

Color Contrast Check

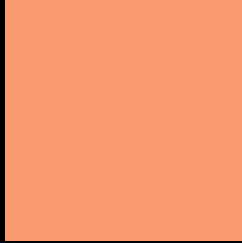
Large Text (above 18pt) WCAG AA × Fail

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 178.0300, 70.3770, 7.6010 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 178.0300, 70.3770, 7.6010

Background



This preview shows how black text looks on a background with the YIQ color 178.0300, 70.3770, 7.6010.



This preview shows how white text looks on a background with the YIQ color 178.0300, 70.3770,

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

178.0300, 70.3770, 7.6010

Protanopia

176.8020, 26.3200, -14.4480

Deuteranopia

177.5010, 46.4010, -9.4310



Tritanopia

180.6490, 59.0490, 25.6810

Trichromacy



Original Color

178.0300, 70.3770, 7.6010

Protanomaly

177.3420, 42.5950, -6.5330

Deuteranomaly

177.6810, 54.8820, -3.4380

Tritanomaly

179.5860, 63.3600, 19.1360

Monochromacy



Original Color

178.0300, 70.3770, 7.6010

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.7550, 25.6750, 2.7550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0300, 70.3770, 7.6010 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, 154, 113)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 113)  
}
```

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, 154, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 113) }
```

Border

The CSS property to change the border of an element to YIQ 178.0300, 70.3770, 7.6010 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, 154, 113) }
```


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

```
.border{ border-color:rgb(250, 154, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 154, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 113);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0300, 70.3770, 7.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 113) }
```

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

```
.background{ background-color: rgb(250,  
154, 113) }
```

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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