

Converting Colors

YIQ(178.4310, 61.7580, 4.1100)

Have a look what the booklet for
YIQ(178.4310, 61.7580, 4.1100)
contains.

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Color

**YIQ(178.4310, 61.7580,
4.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	F09F75
RGB	240, 159, 117
RGB Percent	94%, 62%, 46%
CMY	0.0587, 0.3766, 0.5409
CMYK	0.00, 0.34, 0.51, 0.06
HSL	20°, 80%, 70%
HSV	20°, 51%, 94%
XYZ	51.5569, 44.6032, 22.7434
YIQ	178.4310, 61.7580, 4.1100

Conversions

Conversions Part 2

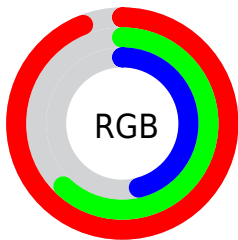
Format	Color
R_{YB}	240, 181, 117
Decimal	15769461
CIE _{Lab}	72.63, 25.75, 34.14
CIE _{LCh}	73, 42.764, 52.979
Yxy	44.6032, 0.4336, 0.3751
Android (android.graphics.Color)	4293959541 (0xFFFF09F75)
YUV	178.4310, -30.2855, 53.9960
Hunter-Lab	66.7857, 20.9228, 26.5592

Details

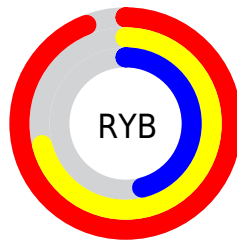
The YIQ color **178.4310, 61.7580, 4.1100** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **178.5690, -61.7580, -4.1100**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.2430, 38.5600, -4.9920**, and **124.6800, 56.6230, 3.5590** is the 20% darker color. If you saturate the color by 10%, you get **166.3030, 73.8620, 5.0140**, and if you desaturate by 10%, it is **190.5590, 49.6540, 3.2060**.

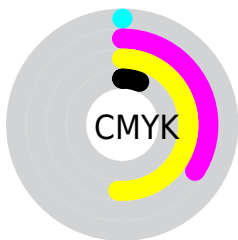
Distribution



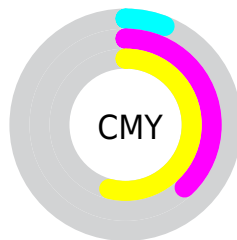
- Red (94%)
- Green (62%)
- Blue (46%)



- Red (94%)
- Yellow (71%)
- Blue (46%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.4310, 61.7580, 4.1100 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 178.4310, 61.7580, 4.1100 by changing the saturation by 10% instead.


 178.4310, 61.7580,
4.1100


 178.4310, 61.7580,
4.1100


255.0000, -0.0000,
-0.0000

 151.3490, 59.0530,
3.5730


 221.2430, 38.5600,
-4.9920

 124.6800, 56.6230,
3.5590


 241.3440, 21.9180,
-11.7620


 98.7120, 53.5970,
3.3330

 251.5800, 9.6300,
-9.3300

 73.3310, 50.2960,
2.5840

254.8860, 0.3210,
-0.3110

 49.2490, 47.5910,
2.0470

 27.3760, 37.2280,
8.1400

 13.1560, 26.2240,

9.3280

■ 0.0000, 0.0000,
0.0000

■ 178.4310, 61.7580,
4.1100

■ 178.4310, 61.7580,
4.1100

■ 166.3030, 73.8620,
5.0140

■ 190.5590, 49.6540,
3.2060

■ 154.1750, 85.9660,
5.9180

■ 202.6870, 37.5500,
2.3020

■ 142.0470, 98.0700,
6.8220

■ 214.2280, 25.7210,
1.9210

■ 130.5060,
109.8990, 7.2030

■ 226.3560, 13.6170,
1.0170

■ 119.8940,
120.4900, 7.9940

■ 238.4840, 1.5130,
0.1130

249.9280, -8.6650,
-2.6570

250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



180.5090, 62.2590, 22.5710



178.4310, 61.7580, 4.1100



176.0400, 46.0810, -14.6470

Triad

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



178.4310, 61.7580, 4.1100



156.1940, -66.3370, -36.7770



179.4080, -26.5510, 24.1450

Complementary

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



178.4310, 61.7580, 4.1100



178.5690, -61.7580, -4.1100

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.



167.5650, -73.1300, 3.7500



178.4310, 61.7580, 4.1100



139.8240, -120.8970, -39.1770

Square

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



178.4310, 61.7580, 4.1100



166.6710, -19.3880, -34.1080



141.2380, -130.3900, -26.8220



183.1050, 14.2070, 34.3910

Rectangle

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



178.4310, 61.7580, 4.1100



173.5600, 29.5770, -23.9190



141.2380, -130.3900, -26.8220



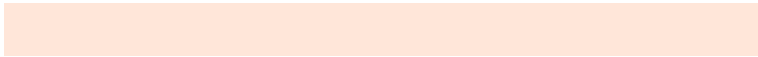
176.5200, -41.7260, 18.3220

Sweetspot

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



178.4310, 61.7580, 4.1100



235.9930, 19.0730, 1.2570



163.1250, 46.9860, 51.5780



115.9860, 11.7830, 1.2150



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.



178.4310, 61.7580, 4.1100



176.7550, 78.4010, 5.3530



214.2380, 44.9830, -27.7930



113.9360, 6.0520, 0.4520



91.9970, 92.3390, 6.0590



27.8970, 28.1510, 1.9350

Inverse Universe

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



178.5690, -61.7580, -4.1100



177.2450, -78.4010, -5.3530



143.3490, -45.2580, 27.2700



114.0640, -6.0520, -0.4520



92.0030, -92.3390, -6.0590



28.1030, -28.1510, -1.9350

Previews

White Background



This preview shows how the YIQ color 178.4310, 61.7580, 4.1100 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 178.4310, 61.7580, 4.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

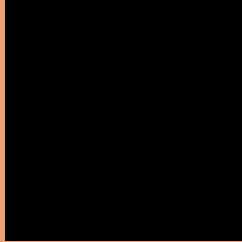
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.4310, 61.7580, 4.1100

Background



This preview shows how black text looks on a background with the YIQ color 178.4310, 61.7580, 4.1100.



This preview shows how white text looks on a background with the YIQ color 178.4310, 61.7580,

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

178.4310, 61.7580, 4.1100

Protanopia

176.4430, 25.9530, -13.3030

Deuteranopia

177.7720, 44.2000, -8.0880



Tritanopia

181.4630, 50.7050, 22.7130

Trichromacy



Original Color

178.4310, 61.7580, 4.1100

Protanomaly

177.0750, 38.9730, -6.9710

Deuteranomaly

178.2290, 50.3430, -3.7770

Tritanomaly

180.4000, 55.0160, 16.1680

Monochromacy



Original Color

178.4310, 61.7580, 4.1100

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2600, 22.6950, 1.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4310, 61.7580, 4.1100 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(240, 159, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 117)  
}
```

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(240, 159, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 117) }
```

Border

The CSS property to change the border of an element to YIQ 178.4310, 61.7580, 4.1100 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(240, 159, 117) }
```


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

```
.border{ border-color:rgb(240, 159, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4310, 61.7580, 4.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 117) }
```

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

```
.background{ background-color: rgb(240,  
159, 117) }
```

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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