

Converting Colors

YIQ(172.3970, 59.0980, 8.2660)

Have a look what the booklet for
YIQ(172.3970, 59.0980, 8.2660)
contains.

YIQ(172.3970, 59.0980, 8.2660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.3970, 59.0980,
8.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9779
RGB	234, 151, 121
RGB Percent	92%, 59%, 47%
CMY	0.0822, 0.4080, 0.5252
CMYK	0.00, 0.35, 0.48, 0.08
HSL	16°, 73%, 70%
HSV	16°, 48%, 92%
XYZ	48.4629, 41.0042, 23.4706
YIQ	172.3970, 59.0980, 8.2660

Conversions

Conversions Part 2

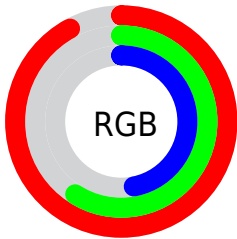
Format	Color
RYB	234, 162, 121
Decimal	15374201
CIELab	70.18, 27.99, 28.67
CIELCh	70, 40.063, 45.686
Yxy	41.0042, 0.4291, 0.3631
Android (android.graphics.Color)	4293564281 (0xFFEA9779)
YUV	172.3970, -25.3387, 54.0258
Hunter-Lab	64.0345, 23.0327, 23.0925

Details

The YIQ color **172.3970, 59.0980, 8.2660** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **182.6030, -59.0980, -8.2660**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0030, 39.4760, 0.4360**, and **118.6460, 53.9630, 7.7150** is the 20% darker color. If you saturate the color by 10%, you get **159.7960, 71.1560, 10.0040**, and if you desaturate by 10%, it is **184.9980, 47.0400, 6.5280**.

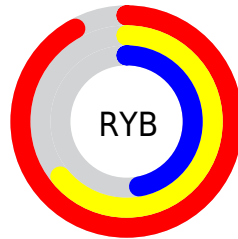
Distribution



Red (92%)

Green (59%)

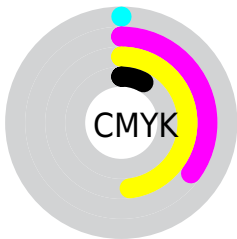
Blue (47%)



Red (92%)

Yellow (64%)

Blue (47%)

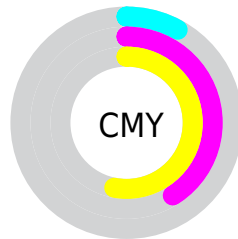


Cyan (0%)

Magenta (35%)

Yellow (48%)

Black (8%)



Cyan (8%)


Magenta (41%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.3970, 59.0980, 8.2660 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 172.3970, 59.0980, 8.2660 by changing the saturation by 10% instead.

 172.3970, 59.0980,
8.2660


 172.3970, 59.0980,
8.2660


255.0000, -0.0000,
-0.0000


 145.3150, 56.3930,
7.7290


 217.0030, 39.4760,
0.4360


 118.6460, 53.9630,
7.7150


 236.5170, 23.1090,
-5.8110

 93.5640, 51.2580,
7.1780

 252.0360, 8.3460,
-8.0860

 68.2970, 47.6360,
6.7400

 43.4000, 45.8480,
6.1040

 20.8970, 37.3190,
11.9990

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 172.3970, 59.0980,
8.2660

■ 172.3970, 59.0980,
8.2660

■ 159.7960, 71.1560,
10.0040

■ 184.9980, 47.0400,
6.5280

■ 147.0810, 83.5350,
11.4310

■ 197.7130, 34.6610,
5.1010

■ 133.8930, 95.8680,
13.6920

■ 210.9010, 22.3280,
2.8400

■ 121.1780,
108.2470, 15.1190

■ 223.6160, 9.9490,
1.4130

■ 108.5770,
120.3050, 16.8570

■ 236.2170, -2.1090,
-0.3250

■ 106.3600,
122.4140, 17.1820

■ 248.1340,
-12.2410, -3.9290

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



173.8550, 55.4730, 24.4090



172.3970, 59.0980, 8.2660



169.9850, 47.9140, -9.3180

Triad

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



172.3970, 59.0980, 8.2660



154.8710, -49.1900, -33.6540



171.2280, -35.0320, 18.1520

Complementary

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



172.3970, 59.0980, 8.2660



182.6030, -59.0980, -8.2660

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.



158.2500, -76.7970, -1.3810



172.3970, 59.0980, 8.2660



137.3650, -106.3630, -38.2590

Square

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



172.3970, 59.0980, 8.2660



162.5260, -8.6140, -31.1260



135.7780, -123.2830, -28.9710



176.2070, 4.9920, 30.6880

Rectangle

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



172.3970, 59.0980, 8.2660



168.3480, 33.2900, -19.6220



135.7780, -123.2830, -28.9710



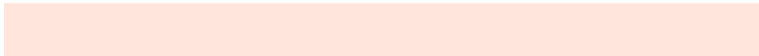
167.9380, -49.0150, 12.7530

Sweetspot

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



172.3970, 59.0980, 8.2660



235.6340, 18.7060, 2.4020



164.4770, 40.0630, 50.3910



116.1000, 11.4620, 1.5260



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.



172.3970, 59.0980, 8.2660



174.1450, 77.4830, 10.9790



204.6820, 43.9730, -20.4990



111.0500, 5.7310, 0.7630



82.2950, 94.6760, 13.2680



24.3640, 28.3340, 4.1260

Inverse Universe

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



182.6030, -59.0980, -8.2660



187.8550, -77.4830, -10.9790



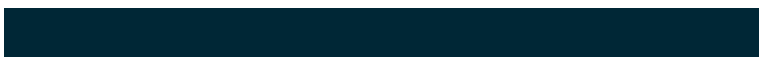
150.3180, -43.9730, 20.4990



111.9500, -5.7310, -0.7630



98.7050, -94.6760, -13.2680



29.0490, -28.0590, -3.6030

Previews

White Background



This preview shows how the YIQ color 172.3970, 59.0980, 8.2660 looks on a white background.

Color Contrast Check

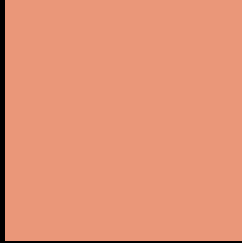
Large Text (above 18pt) WCAG AA × Fail

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 172.3970, 59.0980, 8.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

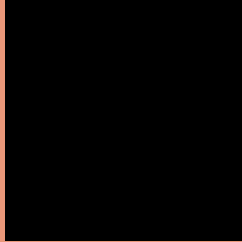
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.3970, 59.0980, 8.2660

Background



This preview shows how black text looks on a background with the YIQ color 172.3970, 59.0980, 8.2660.



This preview shows how white text looks on a background with the YIQ color 172.3970, 59.0980,

8.2660.

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

172.3970, 59.0980, 8.2660

Protanopia

170.8000, 20.6340, -10.5180

Deuteranopia

171.6020, 38.9270, -6.1370



Tritanopia

174.4630, 50.7050, 22.7130

Trichromacy



Original Color

172.3970, 59.0980, 8.2660

Protanomaly

171.1440, 34.5250, -3.4510

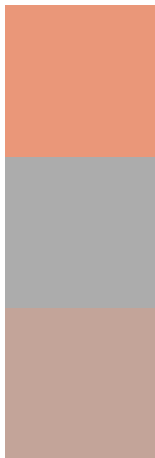
Deuteranomaly

172.0700, 46.5370, -0.8790

Tritanomaly

173.8560, 53.7320, 17.4120

Monochromacy



Original Color

172.3970, 59.0980, 8.2660

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0150, 22.0070, 3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.3970, 59.0980, 8.2660 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(234, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 121)  
}
```

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(234, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 121) }
```

Border

The CSS property to change the border of an element to YIQ 172.3970, 59.0980, 8.2660 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(234, 151, 121) }
```


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

```
.border{ border-color:rgb(234, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 172.3970, 59.0980, 8.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 121) }
```

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

```
.background{ background-color: rgb(234,  
151, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor