

Converting Colors

YIQ(172.6870, 73.0810, 13.6650)

Have a look what the booklet for
YIQ(172.6870, 73.0810, 13.6650)
contains.

YIQ(172.6870, 73.0810, 13.6650)	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(172.6870, 73.0810,
13.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9073
RGB	251, 144, 115
RGB Percent	98%, 56%, 45%
CMY	0.0155, 0.4354, 0.5487
CMYK	0.00, 0.43, 0.54, 0.02
HSL	13°, 95%, 72%
HSV	13°, 54%, 98%
XYZ	52.8709, 41.6929, 21.5046
YIQ	172.6870, 73.0810, 13.6650

Conversions

Conversions Part 2

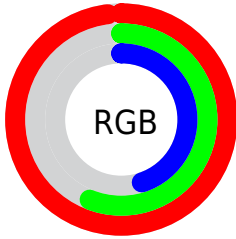
Format	Color
R_{YB}	251, 152, 115
Decimal	16486515
CIE _{Lab}	70.66, 37.68, 32.94
CIE _{LCh}	71, 50.048, 41.160
Yxy	41.6929, 0.4555, 0.3592
Android (android.graphics.Color)	4294676595 (0xFFFB9073)
YUV	172.6870, -28.4397, 68.6805
Hunter-Lab	64.5701, 33.1608, 25.4529

Details

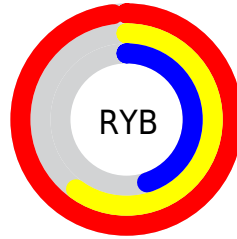
The YIQ color **172.6870, 73.0810, 13.6650** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **193.3130, -73.0810, -13.6650**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0960, 43.6480, 1.9200**, and **118.3380, 66.7540, 12.6900** is the 20% darker color. If you saturate the color by 10%, you get **158.0970, 86.6060, 16.3500**, and if you desaturate by 10%, it is **187.2770, 59.5560, 10.9800**.

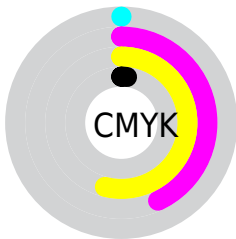
Distribution



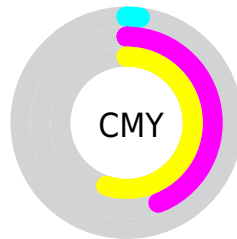
- Red (98%)
- Green (56%)
- Blue (45%)



- Red (98%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.6870, 73.0810, 13.6650 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 172.6870, 73.0810, 13.6650 by changing the saturation by 10% instead.


 172.6870, 73.0810,
13.6650


 172.6870, 73.0810,
13.6650


255.0000, -0.0000,
-0.0000


 144.7190, 70.0550,
13.4390


 212.0960, 43.6480,
1.9200

 118.3380, 66.7540,
12.6900


 231.7240, 26.9600,
-4.0160


 91.8970, 63.6820,
13.2980

 251.3520, 10.2720,
-9.9520

 65.7440, 59.7390,
13.1710

 254.5440, 1.2840,
-1.2440

 38.4280, 57.8130,
15.0370

 22.1260, 44.1040,
15.6880

 14.7650, 28.8830,

10.6990

■ 0.0000, 0.0000,
0.0000

■ 172.6870, 73.0810,
13.6650

■ 172.6870, 73.0810,
13.6650

■ 158.0970, 86.6060,
16.3500

■ 187.2770, 59.5560,
10.9800

■ 143.5070,
100.1310, 19.0350

■ 201.8670, 46.0310,
8.2950

■ 129.5040,
113.3810, 21.1970

■ 215.8700, 32.7810,
6.1330

■ 114.9140,
126.9060, 23.8820

■ 230.5740, 18.9350,
3.7590

■ 106.1600,
135.0210, 25.4930

■ 245.1640, 5.4100,
1.0740

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



173.3880, 64.4580, 32.2820



172.6870, 73.0810, 13.6650



170.7000, 61.8980, -9.4460

Triad

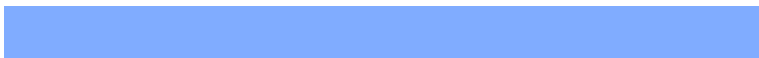
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.6870, 73.0810, 13.6650



149.5010, -60.1920, -43.5200



168.3060, -52.8670, 16.4850

Complementary

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



172.6870, 73.0810, 13.6650



193.3130, -73.0810, -13.6650

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.



138.2520, -133.0050, -17.9730



172.6870, 73.0810, 13.6650



136.5980, -114.5690, -43.7290

Square

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



172.6870, 73.0810, 13.6650



161.4630, -4.3030, -37.6710



140.3260, -127.8220, -29.3100



177.4870, -1.4280, 36.9080

Rectangle

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



172.6870, 73.0810, 13.6650



168.5850, 45.6240, -22.8880



140.3260, -127.8220, -29.3100



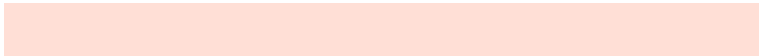
161.3740, -73.9100, 6.8740

Sweetspot

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



172.6870, 73.0810, 13.6650



231.5420, 21.9610, 3.9850



168.0900, 46.0670, 62.7310



113.4100, 13.5250, 2.6850



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.



172.6870, 73.0810, 13.6650



159.1790, 89.3110, 16.8870



211.4290, 54.9310, -20.8530



117.6480, 6.9230, 1.1870



79.9910, 101.6440, 19.1480



25.8700, 32.7810, 6.1330

Inverse Universe

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



193.3130, -73.0810, -13.6650



184.8210, -89.3110, -16.8870



154.5710, -54.9310, 20.8530



119.3520, -6.9230, -1.1870



109.0090, -101.6440, -19.1480



35.1300, -32.7810, -6.1330

Previews

White Background



This preview shows how the YIQ color 172.6870, 73.0810, 13.6650 looks on a white background.

Color Contrast Check

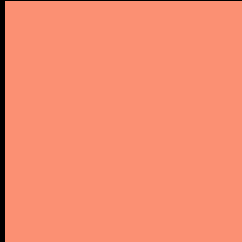
Large Text (above 18pt) WCAG AA × Fail

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 172.6870, 73.0810, 13.6650 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 172.6870, 73.0810, 13.6650

Background



This preview shows how black text looks on a background with the YIQ color 172.6870, 73.0810, 13.6650.



This preview shows how white text looks on a background with the YIQ color 172.6870, 73.0810,

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

172.6870, 73.0810, 13.6650

Protanopia

171.6430, 22.5140, -11.5500

Deuteranopia

172.5870, 43.2830, -7.9890



Tritanopia

174.2260, 64.7340, 27.2780

Trichromacy



Original Color

172.6870, 73.0810, 13.6650

Protanomaly

171.9060, 41.1270, -1.9530

Deuteranomaly

172.4900, 54.1020, -0.3140

Tritanomaly

173.7330, 67.4400, 22.2880

Monochromacy



Original Color

172.6870, 73.0810, 13.6650

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.5210, 26.4540, 5.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6870, 73.0810, 13.6650 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(251, 144, 115)` looks like.

```
.text, #text, p{  
    color:rgb(251, 144, 115)  
}
```

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(251, 144, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 144, 115) }
```

Border

The CSS property to change the border of an element to YIQ 172.6870, 73.0810, 13.6650 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(251, 144, 115) }
```


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

```
.border{ border-color:rgb(251, 144, 115) }
```

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

Here you see how a box with a 4 pixel rgb(251, 144, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 144, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 144, 115);  
box-shadow:4px 4px 4px 4px rgb(251, 144,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6870, 73.0810, 13.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 144, 115) }
```

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

```
.background{ background-color: rgb(251,  
144, 115) }
```

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