

Converting Colors

YIQ(175.5300, 74.9610, 12.6330)

Have a look what the booklet for
YIQ(175.5300, 74.9610, 12.6330)
contains.

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Color

**YIQ(175.5300, 74.9610,
12.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9372
RGB	255, 147, 114
RGB Percent	100%, 58%, 45%
CMY	0.0000, 0.4237, 0.5526
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 72%
HSV	14°, 55%, 100%
XYZ	54.7086, 43.3301, 21.4243
YIQ	175.5300, 74.9610, 12.6330

Conversions

Conversions Part 2

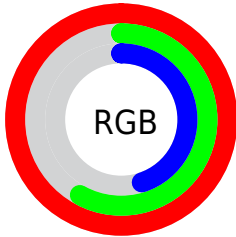
Format	Color
R _Y B	255, 157, 114
Decimal	16749426
CIE Lab	71.78, 37.56, 35.02
CIE LCh	72, 51.353, 42.989
Yxy	43.3301, 0.4580, 0.3627
Android (android.graphics.Color)	4294939506 (0xFFFF9372)
YUV	175.5300, -30.3343, 69.6952
Hunter-Lab	65.8256, 33.1592, 26.7808

Details

The YIQ color **175.5300, 74.9610, 12.6330** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **193.4700, -74.9610, -12.6330**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.7430, 43.1440, 0.0400**, and **121.1810, 68.6340, 11.6580** is the 20% darker color. If you saturate the color by 10%, you get **160.9400, 88.4860, 15.3180**, and if you desaturate by 10%, it is **190.2340, 61.1150, 10.2590**.

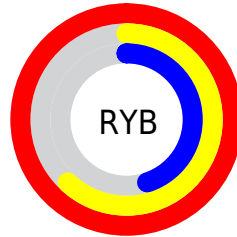
Distribution



Red (100%)

Green (58%)

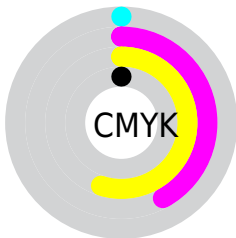
Blue (45%)



Red (100%)

Yellow (62%)

Blue (45%)

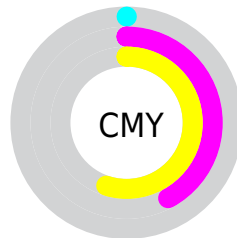


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.5300, 74.9610, 12.6330 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 175.5300, 74.9610, 12.6330 by changing the saturation by 10% instead.


 175.5300, 74.9610,
12.6330


 175.5300, 74.9610,
12.6330


255.0000, -0.0000,
-0.0000


 147.5620, 71.9350,
12.4070


 213.7430, 43.1440,
0.0400


 121.1810, 68.6340,
11.6580


 233.9580, 26.1810,
-6.4190


 94.3270, 65.2870,
11.7430

 251.2380, 10.5930,
-10.2630

 68.4730, 61.9400,
11.8280

 254.4300, 1.6050,
-1.5550

 41.6730, 58.5010,
13.5810

 23.0230, 45.8920,
16.3240

 15.3630, 30.0750,

11.1230

■ 1.7940, 3.5760,
1.2720

■ 0.0000, 0.0000,
0.0000

■ 175.5300, 74.9610,
12.6330

■ 175.5300, 74.9610,
12.6330

■ 160.9400, 88.4860,
15.3180

■ 190.2340, 61.1150,
10.2590

■ 146.8230,
102.0570, 17.1690

■ 204.2370, 47.8650,
8.0970

■ 132.2330,
115.5820, 19.8540

■ 218.9410, 34.0190,
5.7230

■ 118.1160,
129.1530, 21.7050

■ 232.9440, 20.7690,
3.5610

■ 110.8780,
135.7550, 23.2030

■ 247.6480, 6.9230,
1.1870

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



174.5620, 63.9080, 31.2360



175.5300, 74.9610, 12.6330



173.5320, 62.3110, -11.4250

Triad

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



175.5300, 74.9610, 12.6330



150.0270, -67.6650, -45.7530



171.2740, -49.8410, 16.7110

Complementary

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



175.5300, 74.9610, 12.6330



193.4700, -74.9610, -12.6330

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.



139.4260, -133.5550, -19.0190



175.5300, 74.9610, 12.6330



139.6300, -117.5950, -43.9550

Square

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



175.5300, 74.9610, 12.6330



163.5550, -7.5580, -39.2540



142.8850, -130.8940, -28.7020



181.0960, 1.2310, 38.2790

Rectangle

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



175.5300, 74.9610, 12.6330



171.2320, 45.1200, -24.7680



142.8850, -130.8940, -28.7020



164.6410, -70.2880, 7.3120

Sweetspot

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



175.5300, 74.9610, 12.6330



230.7270, 22.8780, 3.8860



168.6990, 48.7260, 64.1020



113.2960, 13.8460, 2.3740



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.



175.5300, 74.9610, 12.6330



160.1250, 89.4030, 15.2190



215.4460, 56.2610, -22.9310



120.6480, 6.9230, 1.1870



83.5240, 101.4610, 16.9570



27.9410, 34.0190, 5.7230

Inverse Universe

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



193.4700, -74.9610, -12.6330



181.8750, -89.4030, -15.2190



153.5540, -56.2610, 22.9310



122.3520, -6.9230, -1.1870



108.0630, -101.7360, -17.4800



36.0590, -34.0190, -5.7230

Previews

White Background



This preview shows how the YIQ color 175.5300, 74.9610, 12.6330 looks on a white background.

Color Contrast Check

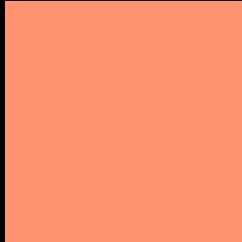
Large Text (above 18pt) WCAG AA × Fail

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 175.5300, 74.9610, 12.6330 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 175.5300, 74.9610, 12.6330

Background



This preview shows how black text looks on a background with the YIQ color 175.5300, 74.9610, 12.6330.



This preview shows how white text looks on a background with the YIQ color 175.5300, 74.9610,

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

175.5300, 74.9610, 12.6330

Protanopia

174.4860, 24.3940, -12.5820

Deuteranopia

174.8430, 45.4380, -8.4980



Tritanopia

177.6280, 63.5420, 26.8540

Trichromacy



Original Color

175.5300, 74.9610, 12.6330

Protanomaly

174.7490, 43.0070, -2.9850

Deuteranomaly

174.7460, 56.2570, -0.8230

Tritanomaly

176.6190, 67.7610, 21.9770

Monochromacy



Original Color

175.5300, 74.9610, 12.6330

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.5920, 27.6920, 4.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5300, 74.9610, 12.6330 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, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 114)  
}
```

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, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 114) }
```

Border

The CSS property to change the border of an element to YIQ 175.5300, 74.9610, 12.6330 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, 147, 114) }
```


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

```
.border{ border-color:rgb(255, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5300, 74.9610, 12.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 114) }
```

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

```
.background{ background-color: rgb(255,  
147, 114) }
```

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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