

Converting Colors

YIQ(172.1270, 85.9210, 1.2250)

Have a look what the booklet for
YIQ(172.1270, 85.9210, 1.2250)
contains.

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Color

**YIQ(172.1270, 85.9210,
1.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF944F
RGB	255, 148, 79
RGB Percent	100%, 58%, 31%
CMY	0.0000, 0.4198, 0.6898
CMYK	0.00, 0.42, 0.69, 0.00
HSL	23°, 100%, 66%
HSV	23°, 69%, 100%
XYZ	53.2378, 42.9916, 12.9086
YIQ	172.1270, 85.9210, 1.2250

Conversions

Conversions Part 2

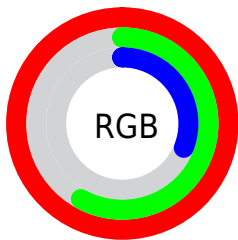
Format	Color
R _Y B	255, 192, 79
Decimal	16749647
CIE Lab	71.55, 34.79, 52.70
CIE LCh	72, 63.145, 56.567
Yxy	42.9916, 0.4878, 0.3939
Android (android.graphics.Color)	4294939727 (0xFFFF944F)
YUV	172.1270, -45.9116, 72.6796
Hunter-Lab	65.5680, 30.1886, 34.2249

Details

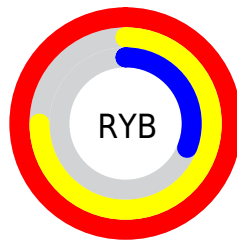
The YIQ color **172.1270, 85.9210, 1.2250** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **161.8730, -85.9210, -1.2250**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3400, 54.1040, -11.3680**, and **117.2510, 79.6400, -0.5840** is the 20% darker color. If you saturate the color by 10%, you get **159.8850, 98.3460, 1.8180**, and if you desaturate by 10%, it is **183.8960, 73.4500, 1.4660**.

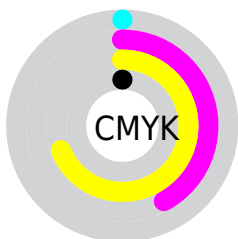
Distribution



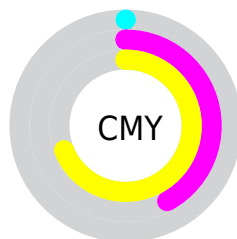
- Red (100%)
- Green (58%)
- Blue (31%)



- Red (100%)
- Yellow (75%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1270, 85.9210, 1.2250 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 172.1270, 85.9210, 1.2250 by changing the saturation by 10% instead.

172.1270, 85.9210,
1.2250

172.1270, 85.9210,
1.2250

255.0000, -0.0000,
-0.0000

144.7460, 82.6200,
0.4760

210.3400, 54.1040,
-11.3680

117.2510, 79.6400,
-0.5840

229.8540, 37.7370,
-17.6150

90.1150, 77.0270,
-2.7890

247.0200, 22.4700,
-21.7700

66.7690, 66.6180,
4.1380

250.2120, 13.4820,
-13.0620

43.1240, 55.6130,
10.8530

253.5180, 4.1730,
-4.0430

22.1260, 44.1040,
15.6880

14.7650, 28.8830,

10.6990

■ 0.0000, 0.0000,
0.0000

■ 172.1270, 85.9210,
1.2250

■ 172.1270, 85.9210,
1.2250

■ 159.8850, 98.3460,
1.8180

■ 183.8960, 73.4500,
1.4660

■ 148.1160,
110.8170, 1.5770

■ 196.1380, 61.0250,
0.8730

■ 135.8740,
123.2420, 2.1700

■ 208.4940, 48.2790,
0.5910

■ 134.9450,
124.4800, 1.7600

■ 220.1490, 36.1290,
0.5210

■ 232.5050, 23.3830,
0.2390

244.1600, 11.2330,
0.1690

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.



165.8590, 76.0130, 26.6130



172.1270, 85.9210, 1.2250



168.9920, 63.2310, -28.1050

Triad

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



172.1270, 85.9210, 1.2250



138.1990, -109.4320, -54.2320



174.0860, -28.3400, 29.0360

Complementary

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



172.1270, 85.9210, 1.2250



161.8730, -85.9210, -1.2250

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.



137.0780, -132.4550, -16.9270



172.1270, 85.9210, 1.2250



144.8110, -128.0500, -36.1940

Square

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



172.1270, 85.9210, 1.2250



151.9740, -42.9510, -53.1190



144.7090, -136.0300, -23.7260



180.4140, 27.1790, 52.6110

Rectangle

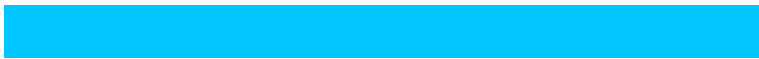
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.1270, 85.9210, 1.2250



165.7280, 37.1910, -40.7690



144.7090, -136.0300, -23.7260



167.4310, -51.7210, 17.7430

Sweetspot

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



172.1270, 85.9210, 1.2250



229.4730, 26.4090, 0.4650



144.0500, 69.9070, 71.2110



112.6120, 15.7720, 0.5080



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.



172.1270, 85.9210, 1.2250



155.1090, 103.5270, 1.5350



222.6090, 62.2710, -43.7530



121.8220, 6.3730, 0.1410



101.1340, 93.2110, 1.2670



33.8110, 31.2690, 0.4930

Inverse Universe

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



161.8730, -85.9210, -1.2250



142.8910, -103.5270, -1.5350



111.3910, -62.2710, 43.7530



121.1780, -6.3730, -0.1410



89.8660, -93.2110, -1.2670



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 172.1270, 85.9210, 1.2250 looks on a white background.

Color Contrast Check

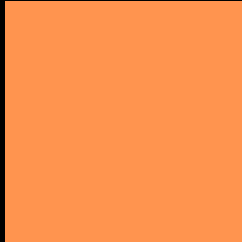
Large Text (above 18pt) WCAG AA × Fail

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 172.1270, 85.9210, 1.2250 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 172.1270, 85.9210, 1.2250

Background



This preview shows how black text looks on a background with the YIQ color 172.1270, 85.9210, 1.2250.



This preview shows how white text looks on a background with the YIQ color 172.1270, 85.9210,

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

172.1270, 85.9210, 1.2250

Protanopia

171.3500, 38.9760, -23.5520

Deuteranopia

171.6470, 60.2490, -18.1110



Tritanopia

176.9270, 64.1380, 27.0660

Trichromacy



Original Color

172.1270, 85.9210, 1.2250

Protanomaly

171.7160, 55.8010, -14.5910

Deuteranomaly

171.6530, 69.2800, -11.0720

Tritanomaly

175.0230, 72.2550, 17.6230

Monochromacy



Original Color

172.1270, 85.9210, 1.2250

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8110, 31.2690, 0.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1270, 85.9210, 1.2250 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, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 79)  
}
```

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, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 79) }
```

Border

The CSS property to change the border of an element to YIQ 172.1270, 85.9210, 1.2250 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, 148, 79) }
```


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

```
.border{ border-color:rgb(255, 148, 79) }
```

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

Here you see how a box with a 4 pixel rgb(255, 148, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1270, 85.9210, 1.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 79) }
```

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

```
.background{ background-color: rgb(255,  
148, 79) }
```

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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