

Converting Colors

YIQ(171.3120, 86.8380, 1.1260)

Have a look what the booklet for
YIQ(171.3120, 86.8380, 1.1260)
contains.

YIQ(171.3120, 86.8380, 1.1260)	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(171.3120, 86.8380,
1.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF934D
RGB	255, 147, 77
RGB Percent	100%, 58%, 30%
CMY	0.0000, 0.4237, 0.6976
CMYK	0.00, 0.42, 0.70, 0.00
HSL	24°, 100%, 65%
HSV	24°, 70%, 100%
XYZ	53.0098, 42.6505, 12.4785
YIQ	171.3120, 86.8380, 1.1260

Conversions

Conversions Part 2

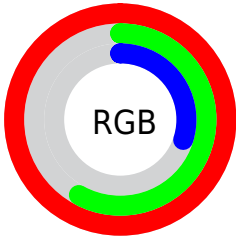
Format	Color
R _{YB}	255, 192, 77
Decimal	16749389
CIE _{Lab}	71.32, 35.20, 53.40
CIE _{LCh}	71, 63.958, 56.606
Yxy	42.6505, 0.4902, 0.3944
Android (android.graphics.Color)	4294939469 (0xFFFF934D)
YUV	171.3120, -46.4958, 73.3944
Hunter-Lab	65.3074, 30.6000, 34.3864

Details

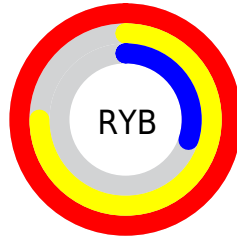
The YIQ color **171.3120, 86.8380, 1.1260** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **160.6880, -86.8380, -1.1260**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.5250, 55.0210, -11.4670**, and **116.4360, 80.5570, -0.6830** is the 20% darker color. If you saturate the color by 10%, you get **159.0700, 99.2630, 1.7190**, and if you desaturate by 10%, it is **183.0810, 74.3670, 1.3670**.

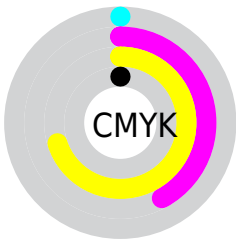
Distribution



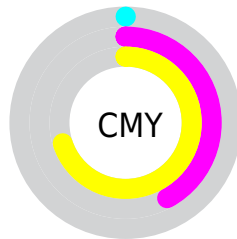
- Red (100%)
- Green (58%)
- Blue (30%)



- Red (100%)
- Yellow (75%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.3120, 86.8380, 1.1260 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 171.3120, 86.8380, 1.1260 by changing the saturation by 10% instead.

171.3120, 86.8380,
1.1260

171.3120, 86.8380,
1.1260

255.0000, -0.0000,
-0.0000

143.9310, 83.5370,
0.3770

209.5250, 55.0210,
-11.4670

116.4360, 80.5570,
-0.6830

229.0390, 38.6540,
-17.7140

89.5280, 77.3020,
-2.2660

246.7920, 23.1120,
-22.3920

65.8830, 66.2970,
4.4490

249.9840, 14.1240,
-13.6840

42.5370, 55.8880,
11.3760

253.2900, 4.8150,
-4.6650

22.1260, 44.1040,
15.6880

14.7650, 28.8830,

10.6990

■ 0.0000, 0.0000,
0.0000

■ 171.3120, 86.8380,
1.1260

■ 171.3120, 86.8380,
1.1260

■ 159.0700, 99.2630,
1.7190

■ 183.0810, 74.3670,
1.3670

■ 147.3010,
111.7340, 1.4780

■ 195.3230, 61.9420,
0.7740

■ 135.6460,
123.8840, 1.5480

■ 207.0920, 49.4710,
1.0150

■ 134.9450,
124.4800, 1.7600

■ 219.3340, 37.0460,
0.4220

■ 231.1030, 24.5750,
0.6630

243.3450, 12.1500,
0.0700

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.



164.5710, 76.8840, 27.3480



171.3120, 86.8380, 1.1260



167.7640, 63.8730, -28.7270

Triad

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



171.3120, 86.8380, 1.1260



137.4980, -108.8360, -54.0200



173.2000, -28.6610, 29.3470

Complementary

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



171.3120, 86.8380, 1.1260



160.6880, -86.8380, -1.1260

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.



136.4910, -132.1800, -16.4040



171.3120, 86.8380, 1.1260



144.2240, -127.7750, -35.6710

Square

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



171.3120, 86.8380, 1.1260



150.2620, -43.8220, -53.8540



144.7090, -136.0300, -23.7260



179.2400, 27.7290, 53.6570

Rectangle

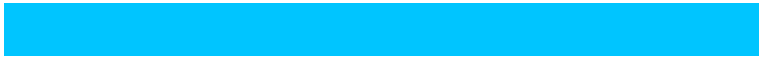
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.3120, 86.8380, 1.1260



165.0870, 37.5580, -41.9140



144.7090, -136.0300, -23.7260



166.8330, -52.9130, 17.3190

Sweetspot

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



171.3120, 86.8380, 1.1260



229.4730, 26.4090, 0.4650



142.7620, 70.7780, 71.9460



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.



171.3120, 86.8380, 1.1260



154.2940, 104.4440, 1.4360



222.3810, 62.9130, -44.3750



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.



160.6880, -86.8380, -1.1260



141.7060, -104.4440, -1.4360



109.6190, -62.9130, 44.3750



120.5910, -6.0980, 0.3820



89.8660, -93.2110, -1.2670



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 171.3120, 86.8380, 1.1260 looks on a white background.

Color Contrast Check

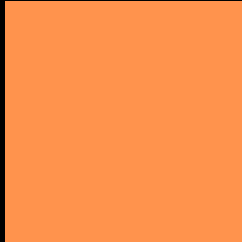
Large Text (above 18pt) WCAG AA × Fail

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 171.3120, 86.8380, 1.1260 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 171.3120, 86.8380, 1.1260

Background



This preview shows how black text looks on a background with the YIQ color 171.3120, 86.8380, 1.1260.



This preview shows how white text looks on a background with the YIQ color 171.3120, 86.8380,

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

171.3120, 86.8380, 1.1260

Protanopia

170.5350, 39.8930, -23.6510

Deuteranopia

170.5330, 60.5700, -18.4220



Tritanopia

176.2260, 64.7340, 27.2780

Trichromacy



Original Color

171.3120, 86.8380, 1.1260

Protanomaly

170.9010, 56.7180, -14.6900

Deuteranomaly

170.8380, 70.1970, -11.1710

Tritanomaly

174.3220, 72.8510, 17.8350

Monochromacy



Original Color

171.3120, 86.8380, 1.1260

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1100, 31.8650, 0.7050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3120, 86.8380, 1.1260 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 77) }
```

Border

The CSS property to change the border of an element to YIQ 171.3120, 86.8380, 1.1260 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, 77) }
```


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

```
.border{ border-color:rgb(255, 147, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3120, 86.8380, 1.1260 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, 77) }
```

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

```
.background{ background-color: rgb(255,  
147, 77) }
```

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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