

Converting Colors

YIQ(168.3090, 82.8930, 12.0530)

Have a look what the booklet for
YIQ(168.3090, 82.8930, 12.0530)
contains.

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Color

**YIQ(168.3090, 82.8930,
12.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A61
RGB	255, 138, 97
RGB Percent	100%, 54%, 38%
CMY	0.0000, 0.4590, 0.6192
CMYK	0.00, 0.46, 0.62, 0.00
HSL	16°, 100%, 69%
HSV	16°, 62%, 100%
XYZ	52.4834, 40.2876, 16.3419
YIQ	168.3090, 82.8930, 12.0530

Conversions

Conversions Part 2

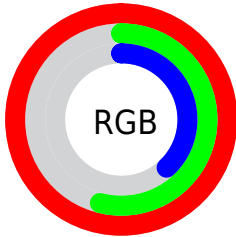
Format	Color
R_{YB}	255, 152, 97
Decimal	16747105
CIE _{Lab}	69.67, 40.92, 41.43
CIE _{LCh}	70, 58.228, 45.354
Yxy	40.2876, 0.4810, 0.3692
Android (android.graphics.Color)	4294937185 (0xFFFF8A61)
YUV	168.3090, -35.1553, 76.0280
Hunter-Lab	63.4725, 36.5190, 29.1657

Details

The YIQ color **168.3090, 82.8930, 12.0530** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **183.6910, -82.8930, -12.0530**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5220, 51.0760, -0.5400**, and **113.7750, 75.6490, 11.1770** is the 20% darker color. If you saturate the color by 10%, you get **154.3060, 96.1430, 14.2150**, and if you desaturate by 10%, it is **182.4260, 69.3220, 10.2020**.

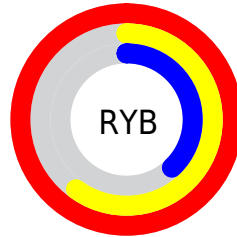
Distribution



Red (100%)

Green (54%)

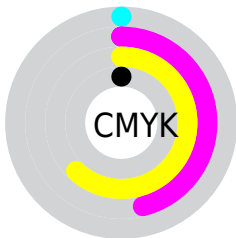
Blue (38%)



Red (100%)

Yellow (60%)

Blue (38%)

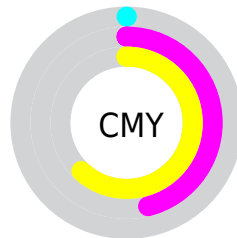


Cyan (0%)

Magenta (46%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3090, 82.8930, 12.0530 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 168.3090, 82.8930, 12.0530 by changing the saturation by 10% instead.


 168.3090, 82.8930,
12.0530


 168.3090, 82.8930,
12.0530


255.0000, -0.0000,
-0.0000


 140.4550, 79.5460,
12.1380


 206.5220, 51.0760,
-0.5400


 113.1880, 75.9240,
11.7000


 226.0360, 34.7090,
-6.7870


 86.9210, 72.3020,
11.2620

 246.1370, 18.0670,
-13.5570

 59.8390, 69.5970,
10.7250

 252.3780, 7.3830,
-7.1530

 31.6830, 61.7090,
21.5250

 22.1260, 44.1040,
15.6880

 15.1780, 29.1580,

11.2220

■ 0.0000, 0.0000,
0.0000

■ 168.3090, 82.8930,
12.0530

■ 168.3090, 82.8930,
12.0530

■ 154.3060, 96.1430,
14.2150

■ 182.4260, 69.3220,
10.2020

■ 140.1890,
109.7140, 16.0660

■ 196.4290, 56.0720,
8.0400

■ 126.1860,
122.9640, 18.2280

■ 210.5460, 42.5010,
6.1890

■ 114.9870,
133.8300, 19.5420

■ 224.5490, 29.2510,
4.0270

■ 238.0790, 15.9550,
2.6990

252.0820, 2.7050,
0.5370

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.



165.5630, 71.3350, 34.3030



168.3090, 82.8930, 12.0530



166.1210, 67.7220, -15.8780

Triad

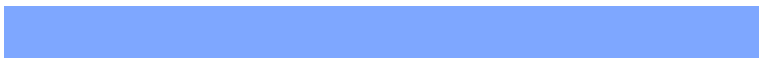
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168.3090, 82.8930, 12.0530



130.6530, -99.2070, -57.8230



164.7730, -52.6840, 18.6760

Complementary

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



168.3090, 82.8930, 12.0530



183.6910, -82.8930, -12.0530

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



168.3090, 82.8930, 12.0530



137.5100, -117.1370, -41.2410

Square

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



168.3090, 82.8930, 12.0530



154.6310, -13.8840, -45.7560



141.1070, -131.3990, -25.0550



175.2370, 5.4480, 44.4560

Rectangle

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



168.3090, 82.8930, 12.0530



164.0980, 48.1930, -30.9030



141.1070, -131.3990, -25.0550



155.4380, -79.9620, 6.4220

Sweetspot

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



168.3090, 82.8930, 12.0530



228.3960, 25.3080, 3.9000



157.8080, 55.9690, 70.5050



111.6660, 15.6800, 2.1760



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.



168.3090, 82.8930, 12.0530



151.2740, 99.1690, 14.4410



214.0950, 61.4430, -28.7410



120.6480, 6.9230, 1.1870



85.8720, 100.3610, 14.8650



28.5280, 33.7440, 5.2000

Inverse Universe

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



183.6910, -82.8930, -12.0530



169.7260, -99.1690, -14.4410



138.4920, -61.7180, 28.2180



121.7650, -6.6480, -0.6640



105.1280, -100.3610, -14.8650



34.8850, -33.4690, -4.6770

Previews

White Background



This preview shows how the YIQ color 168.3090, 82.8930, 12.0530 looks on a white background.

Color Contrast Check

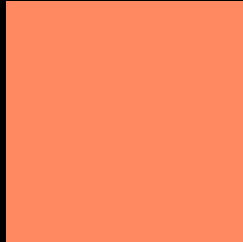
Large Text (above 18pt) WCAG AA × Fail

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 168.3090, 82.8930, 12.0530 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 168.3090, 82.8930, 12.0530

Background



This preview shows how black text looks on a background with the YIQ color 168.3090, 82.8930, 12.0530.



This preview shows how white text looks on a background with the YIQ color 168.3090, 82.8930,

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

168.3090, 82.8930, 12.0530

Protanopia

168.4170, 28.8420, -16.1020

Deuteranopia

168.6600, 50.2070, -12.3290



Tritanopia

171.2050, 69.2270, 28.4510

Trichromacy



Original Color

168.3090, 82.8930, 12.0530

Protanomaly

168.3920, 48.3260, -5.7700

Deuteranomaly

168.6880, 62.1720, -3.3960

Tritanomaly

169.8540, 74.4090, 22.6410

Monochromacy



Original Color

168.3090, 82.8930, 12.0530

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1470, 30.4430, 4.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3090, 82.8930, 12.0530 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, 138, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 97)  
}
```

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, 138, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 97) }
```

Border

The CSS property to change the border of an element to YIQ 168.3090, 82.8930, 12.0530 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, 138, 97) }
```


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

```
.border{ border-color:rgb(255, 138, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 138, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3090, 82.8930, 12.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 97) }
```

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

```
.background{ background-color: rgb(255,  
138, 97) }
```

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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