

Converting Colors

YIQ(164.4280, 84.1760, 16.3360)

Have a look what the booklet for
YIQ(164.4280, 84.1760, 16.3360)
contains.

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Color

**YIQ(164.4280, 84.1760,
16.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8363
RGB	255, 131, 99
RGB Percent	100%, 51%, 39%
CMY	0.0000, 0.4864, 0.6114
CMYK	0.00, 0.49, 0.61, 0.00
HSL	12°, 100%, 69%
HSV	12°, 61%, 100%
XYZ	51.6058, 38.3812, 16.5157
YIQ	164.4280, 84.1760, 16.3360

Conversions

Conversions Part 2

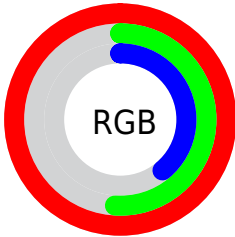
Format	Color
R _Y B	255, 139, 99
Decimal	16745315
CIE Lab	68.30, 44.54, 38.68
CIE LCh	68, 58.992, 40.976
Yxy	38.3812, 0.4845, 0.3604
Android (android.graphics.Color)	4294935395 (0xFFFF8363)
YUV	164.4280, -32.2560, 79.4316
Hunter-Lab	61.9525, 40.2716, 27.5609

Details

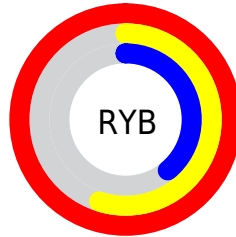
The YIQ color **164.4280, 84.1760, 16.3360** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **189.5720, -84.1760, -16.3360**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.5270, 52.6800, 3.4320**, and **109.3070, 77.2070, 15.9830** is the 20% darker color. If you saturate the color by 10%, you get **149.8380, 97.7010, 19.0210**, and if you desaturate by 10%, it is **179.1320, 70.3300, 13.9620**.

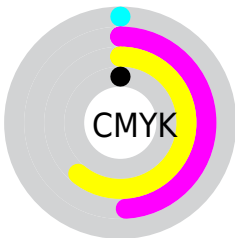
Distribution



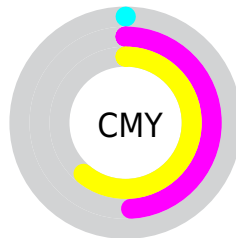
- Red (100%)
- Green (51%)
- Blue (39%)



- Red (100%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.4280, 84.1760, 16.3360 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 164.4280, 84.1760, 16.3360 by changing the saturation by 10% instead.

164.4280, 84.1760,
16.3360

164.4280, 84.1760,
16.3360

255.0000, -0.0000,
-0.0000

136.5740, 80.8290,
16.4210

202.6410, 52.3590,
3.7430

109.3070, 77.2070,
15.9830

222.0410, 36.3130,
-2.8150

82.5670, 73.5390,
16.3790

242.2560, 19.3500,
-9.2740

53.5390, 70.7420,
17.5100

252.4920, 7.0620,
-6.8420

30.7970, 61.3880,
21.8360

22.1260, 44.1040,
15.6880

14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 164.4280, 84.1760,
16.3360

■ 164.4280, 84.1760,
16.3360

■ 149.8380, 97.7010,
19.0210

■ 179.1320, 70.3300,
13.9620

■ 134.5470,
111.8220, 21.9180

■ 194.3090, 56.5300,
10.7540

■ 119.9570,
125.3470, 24.6030

■ 209.0130, 42.6840,
8.3800

■ 106.7690,
137.6800, 26.8640

■ 223.6030, 29.1590,
5.6950

■ 238.3070, 15.3130,
3.3210

253.4840, 1.5130,
0.1130

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.



162.4970, 71.7010, 38.6850



164.4280, 84.1760, 16.3360



162.3820, 71.4810, -12.4150

Triad

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



164.4280, 84.1760, 16.3360



126.3500, -93.9800, -58.9400



157.3090, -66.1170, 14.3230

Complementary

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



164.4280, 84.1760, 16.3360



189.5720, -84.1760, -16.3360

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.



135.9040, -131.9050, -15.8810



164.4280, 84.1760, 16.3360



134.3810, -112.4600, -43.4040

Square

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



164.4280, 84.1760, 16.3360



152.3500, -5.7230, -44.9790



138.3200, -127.6850, -26.2850



170.9910, -2.6670, 42.8450

Rectangle

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



164.4280, 84.1760, 16.3360



160.2020, 53.8320, -28.4720



138.3200, -127.6850, -26.2850



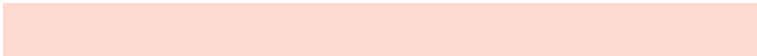
142.5920, -104.1230, -1.7470

Sweetspot

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



164.4280, 84.1760, 16.3360



228.0370, 24.9410, 5.0450



159.8940, 52.8510, 71.9470



111.1930, 15.6340, 3.0100



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.



164.4280, 84.1760, 16.3360



146.9200, 100.4060, 19.5580



209.6270, 63.0010, -23.9350



120.0610, 7.1980, 1.7100



80.0020, 103.1110, 20.0950



26.7670, 34.5690, 6.7690

Inverse Universe

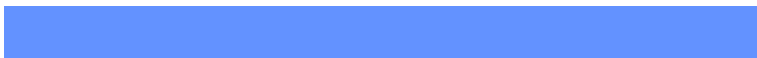
The Inverse Universe completely reimagines the original color for something new.



189.5720, -84.1760, -16.3360



177.0800, -100.4060, -19.5580



144.3730, -63.0010, 23.9350



122.3520, -6.9230, -1.1870



110.9980, -103.1110, -20.0950



37.2330, -34.5690, -6.7690

Previews

White Background



This preview shows how the YIQ color 164.4280, 84.1760, 16.3360 looks on a white background.

Color Contrast Check

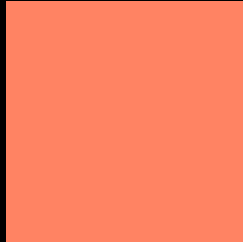
Large Text (above 18pt) WCAG AA × Fail

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 164.4280, 84.1760, 16.3360 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 164.4280, 84.1760, 16.3360

Background



This preview shows how black text looks on a background with the YIQ color 164.4280, 84.1760, 16.3360.



This preview shows how white text looks on a background with the YIQ color 164.4280, 84.1760,

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

164.4280, 84.1760, 16.3360

Protanopia

165.0300, 25.6780, -13.8260

Deuteranopia

165.0450, 47.6850, -10.6750



Tritanopia

166.8850, 73.1240, 29.4120

Trichromacy



Original Color

164.4280, 84.1760, 16.3360

Protanomaly

164.9020, 46.9500, -2.8580

Deuteranomaly

165.0840, 61.1170, -0.7950

Tritanomaly

165.9900, 77.0220, 24.8460

Monochromacy



Original Color

164.4280, 84.1760, 16.3360

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.0870, 30.6720, 5.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.4280, 84.1760, 16.3360 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, 131, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 99)  
}
```

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, 131, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 99) }
```

Border

The CSS property to change the border of an element to YIQ 164.4280, 84.1760, 16.3360 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, 131, 99) }
```


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

```
.border{ border-color:rgb(255, 131, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 164.4280, 84.1760, 16.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 99) }
```

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

```
.background{ background-color: rgb(255,  
131, 99) }
```

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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