

Converting Colors

YIQ(169.6970, 84.3160, 2.7800)

Have a look what the booklet for
YIQ(169.6970, 84.3160, 2.7800)
contains.

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Color

**YIQ(169.6970, 84.3160,
2.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9151
RGB	252, 145, 81
RGB Percent	99%, 57%, 32%
CMY	0.0116, 0.4315, 0.6820
CMYK	0.00, 0.42, 0.68, 0.01
HSL	22°, 97%, 65%
HSV	22°, 68%, 99%
XYZ	51.7721, 41.5382, 13.0928
YIQ	169.6970, 84.3160, 2.7800

Conversions

Conversions Part 2

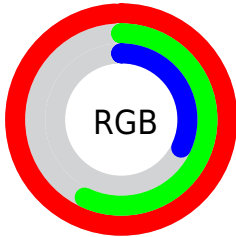
Format	Color
R_{YB}	252, 183, 81
Decimal	16552273
CIE _{Lab}	70.55, 35.27, 50.51
CIE _{LCh}	71, 61.608, 55.071
Yxy	41.5382, 0.4866, 0.3904
Android (android.graphics.Color)	4294742353 (0xFFFC9151)
YUV	169.6970, -43.7276, 72.1797
Hunter-Lab	64.4502, 30.5993, 33.0705

Details

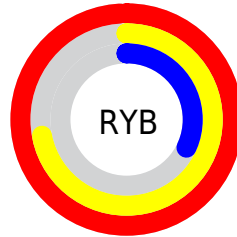
The YIQ color **169.6970, 84.3160, 2.7800** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **163.3030, -84.3160, -2.7800**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8070, 54.2870, -9.1770**, and **114.9350, 77.7140, 1.2820** is the 20% darker color. If you saturate the color by 10%, you get **157.4550, 96.7410, 3.3730**, and if you desaturate by 10%, it is **181.9390, 71.8910, 2.1870**.

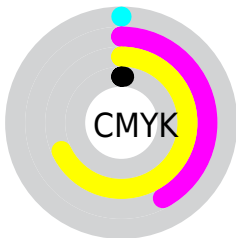
Distribution



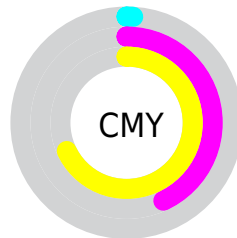
- Red (99%)
- Green (57%)
- Blue (32%)



- Red (99%)
- Yellow (72%)
- Blue (32%)



- Cyan (0%)
- Magenta (42%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (43%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.6970, 84.3160, 2.7800 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 169.6970, 84.3160, 2.7800 by changing the saturation by 10% instead.

169.6970, 84.3160,
2.7800

169.6970, 84.3160,
2.7800

255.0000, -0.0000,
-0.0000

142.3160, 81.0150,
2.0310

208.8070, 54.2870,
-9.1770

114.9350, 77.7140,
1.2820

228.2070, 38.2410,
-15.7350

87.9840, 76.0180,
-1.0220

247.2480, 21.8280,
-21.1480

64.1110, 65.6550,
5.0710

250.4400, 12.8400,
-12.4400

40.4660, 54.6500,
11.7860

253.7460, 3.5310,
-3.4210

21.5280, 42.9120,
15.2640

14.1670, 27.6910,

10.2750

■ 0.0000, 0.0000,
0.0000

■ 169.6970, 84.3160,
2.7800

■ 169.6970, 84.3160,
2.7800

■ 157.4550, 96.7410,
3.3730

■ 181.9390, 71.8910,
2.1870

■ 145.2130,
109.1660, 3.9660

■ 194.2950, 59.1450,
1.9050

■ 133.4440,
121.6370, 3.7250

■ 205.9500, 46.9950,
1.8350

■ 130.5260,
124.3420, 4.2620

■ 218.1920, 34.5700,
1.2420

■ 230.4340, 22.1450,
0.6490

242.6760, 9.7200,
0.0560

254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



164.7990, 76.2420, 27.9700



169.6970, 84.3160, 2.7800



167.1600, 62.8180, -26.1260

Triad

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



169.6970, 84.3160, 2.7800



135.1670, -106.4060, -54.0060



171.4060, -32.2370, 28.0750

Complementary

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



169.6970, 84.3160, 2.7800



163.3030, -84.3160, -2.7800

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



169.6970, 84.3160, 2.7800



142.2520, -124.9780, -36.8020

Square

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



169.6970, 84.3160, 2.7800



150.9640, -36.9910, -50.9990



142.9480, -135.2050, -22.1570



177.5060, 23.9240, 51.0280

Rectangle

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



169.6970, 84.3160, 2.7800



163.3800, 38.2910, -38.6770



142.9480, -135.2050, -22.1570



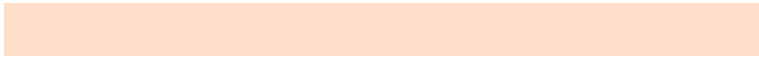
164.7510, -55.6180, 16.7820

Sweetspot

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



169.6970, 84.3160, 2.7800



230.4020, 25.1710, 0.8750



144.4410, 67.2480, 69.8400



112.7260, 15.4510, 0.8190



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.



169.6970, 84.3160, 2.7800



155.6790, 101.9220, 3.0900



219.0050, 61.2160, -41.1520



118.8220, 6.3730, 0.1410



97.6010, 93.3940, 3.4580



31.7400, 30.0310, 0.9030

Inverse Universe

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



163.3030, -84.3160, -2.7800



147.9080, -102.1970, -3.6130



113.9950, -61.2160, 41.1520



118.1780, -6.3730, -0.1410



90.8120, -93.1190, -2.9350



29.2600, -30.0310, -0.9030

Previews

White Background



This preview shows how the YIQ color 169.6970, 84.3160, 2.7800 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 169.6970, 84.3160, 2.7800 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 169.6970, 84.3160, 2.7800

Background



This preview shows how black text looks on a background with the YIQ color 169.6970, 84.3160, 2.7800.



This preview shows how white text looks on a background with the YIQ color 169.6970, 84.3160,

2.7800.

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

169.6970, 84.3160, 2.7800

Protanopia

168.9200, 37.3710, -21.9970

Deuteranopia

169.5050, 57.7730, -17.2910



Tritanopia

174.1230, 66.5220, 27.9140

Trichromacy



Original Color

169.6970, 84.3160, 2.7800

Protanomaly

169.2860, 54.1960, -13.0360

Deuteranomaly

169.8100, 67.4000, -10.0400

Tritanomaly

172.8490, 72.8050, 18.6690

Monochromacy



Original Color

169.6970, 84.3160, 2.7800

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0390, 30.6270, 1.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.6970, 84.3160, 2.7800 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(252, 145, 81)` looks like.

```
.text, #text, p{  
    color:rgb(252, 145, 81)  
}
```

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(252, 145, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 145, 81) }
```

Border

The CSS property to change the border of an element to YIQ 169.6970, 84.3160, 2.7800 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(252, 145, 81) }
```


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

```
.border{ border-color:rgb(252, 145, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 145, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 145, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 145, 81);  
box-shadow:4px 4px 4px 4px rgb(252, 145,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 169.6970, 84.3160, 2.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 145, 81) }
```

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

```
.background{ background-color: rgb(252,  
145, 81) }
```

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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