

Converting Colors

YIQ(167.8680, 70.6530, 2.5970)

Have a look what the booklet for
YIQ(167.8680, 70.6530, 2.5970)
contains.

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Color

**YIQ(167.8680, 70.6530,
2.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	ED935E
RGB	237, 147, 94
RGB Percent	93%, 58%, 37%
CMY	0.0704, 0.4237, 0.6310
CMYK	0.00, 0.38, 0.60, 0.07
HSL	22°, 80%, 65%
HSV	22°, 60%, 93%
XYZ	47.3924, 39.6777, 15.7697
YIQ	167.8680, 70.6530, 2.5970

Conversions

Conversions Part 2

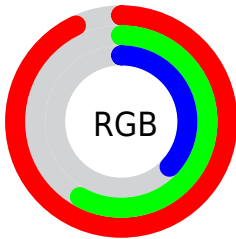
Format	Color
R _Y B	237, 178, 94
Decimal	15569758
CIE Lab	69.24, 29.07, 41.93
CIE LCh	69, 51.026, 55.265
Yxy	39.6777, 0.4608, 0.3858
Android (android.graphics.Color)	4293759838 (0xFFED935E)
YUV	167.8680, -36.4169, 60.6288
Hunter-Lab	62.9903, 24.0661, 29.2499

Details

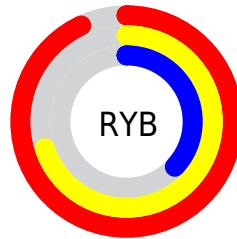
The YIQ color **167.8680, 70.6530, 2.5970** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **163.1320, -70.6530, -2.5970**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4630, 49.5640, -6.1800**, and **114.5190, 64.3260, 1.6220** is the 20% darker color. If you saturate the color by 10%, you get **156.3270, 82.4820, 2.9780**, and if you desaturate by 10%, it is **179.4090, 58.8240, 2.2160**.

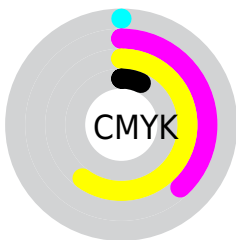
Distribution



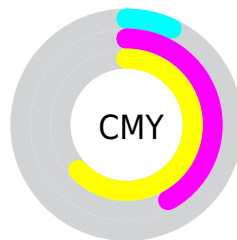
- Red (93%)
- Green (58%)
- Blue (37%)



- Red (93%)
- Yellow (70%)
- Blue (37%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.8680, 70.6530, 2.5970 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 167.8680, 70.6530, 2.5970 by changing the saturation by 10% instead.

167.8680, 70.6530,
2.5970

167.8680, 70.6530,
2.5970

255.0000, -0.0000,
-0.0000

140.7860, 67.9480,
2.0600

211.4630, 49.5640,
-6.1800

113.9320, 64.6010,
2.1450

230.9770, 33.1970,
-12.4270

88.1380, 61.0250,
0.8730

248.7300, 17.6550,
-17.1050

63.1700, 57.9990,
0.6470

252.0360, 8.3460,
-8.0860

40.9980, 47.0400,
6.5280

18.5380, 36.9520,
13.1440

11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 167.8680, 70.6530,
2.5970

■ 167.8680, 70.6530,
2.5970

■ 156.3270, 82.4820,
2.9780

■ 179.4090, 58.8240,
2.2160

■ 144.9000, 93.9900,
3.6700

■ 190.8360, 47.3160,
1.5240

■ 133.3590,
105.8190, 4.0510

■ 202.3770, 35.4870,
1.1430

■ 122.5190,
117.0520, 4.2200

■ 213.9180, 23.6580,
0.7620

■ 225.4590, 11.8290,
0.3810

■ 236.8860, 0.3210,
-0.3110

■ 247.8570, -9.9030,
-2.2470

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



169.3640, 73.0330, 25.5530



167.8680, 70.6530, 2.5970



165.4010, 52.1340, -19.7220

Triad

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



167.8680, 70.6530, 2.5970



130.9440, -104.1600, -50.6560



170.6020, -29.8530, 28.9230

Complementary

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



167.8680, 70.6530, 2.5970



163.1320, -70.6530, -2.5970

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.



150.3220, -94.4950, -0.0230



167.8680, 70.6530, 2.5970



136.3020, -119.2470, -36.0390

Square

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



167.8680, 70.6530, 2.5970



152.6650, -28.4190, -41.1470



137.5850, -129.7490, -21.9170



174.1430, 20.2120, 41.2040

Rectangle

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



167.8680, 70.6530, 2.5970



162.5290, 30.8620, -30.6900



137.5850, -129.7490, -21.9170



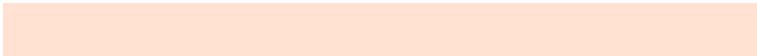
166.5780, -47.6410, 20.8950

Sweetspot

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



167.8680, 70.6530, 2.5970



232.7330, 22.7410, 0.8610



147.1310, 56.0170, 58.6170



114.1280, 14.2590, 0.3950



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.



167.8680, 70.6530, 2.5970



165.9320, 90.9640, 3.4440



209.5450, 51.1280, -34.5360



111.6370, 5.4560, 0.2400



93.4480, 89.4510, 3.3310



27.8860, 26.6840, 0.9880

Inverse Universe

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



163.1320, -70.6530, -2.5970



160.0680, -90.9640, -3.4440



121.4550, -51.1280, 34.5360



111.3630, -5.4560, -0.2400



87.5520, -89.4510, -3.3310



26.1140, -26.6840, -0.9880

Previews

White Background



This preview shows how the YIQ color 167.8680, 70.6530, 2.5970 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 167.8680, 70.6530, 2.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

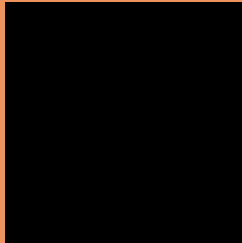
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 167.8680, 70.6530, 2.5970

Background



This preview shows how black text looks on a background with the YIQ color 167.8680, 70.6530, 2.5970.



This preview shows how white text looks on a background with the YIQ color 167.8680, 70.6530,

2.5970.

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

167.8680, 70.6530, 2.5970

Protanopia

166.7330, 30.7680, -17.9680

Deuteranopia

167.6600, 50.2070, -12.3290



Tritanopia

171.3390, 56.9860, 24.5220

Trichromacy



Original Color

167.8680, 70.6530, 2.5970

Protanomaly

167.3760, 45.2550, -10.6890

Deuteranomaly

168.1280, 57.8170, -7.0710

Tritanomaly

170.5210, 61.9850, 16.5210

Monochromacy



Original Color

167.8680, 70.6530, 2.5970

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.7010, 25.7670, 1.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.8680, 70.6530, 2.5970 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(237, 147, 94)` looks like.

```
.text, #text, p{  
    color:rgb(237, 147, 94)  
}
```

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(237, 147, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 147, 94) }
```

Border

The CSS property to change the border of an element to YIQ 167.8680, 70.6530, 2.5970 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(237, 147, 94) }
```


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

```
.border{ border-color:rgb(237, 147, 94) }
```

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

Here you see how a box with a 4 pixel rgb(237, 147, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 147, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 147, 94);  
box-shadow:4px 4px 4px 4px rgb(237, 147,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 167.8680, 70.6530, 2.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 147, 94) }
```

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

```
.background{ background-color: rgb(237,  
147, 94) }
```

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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