

Converting Colors

YIQ(170.0620, 84.5460, -1.3900)

Have a look what the booklet for
YIQ(170.0620, 84.5460, -1.3900)
contains.

YIQ(170.0620, 84.5460, -1.3900)	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(170.0620, 84.5460,
-1.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	FA944A
RGB	250, 148, 74
RGB Percent	98%, 58%, 29%
CMY	0.0194, 0.4197, 0.7094
CMYK	0.00, 0.41, 0.70, 0.02
HSL	25°, 95%, 64%
HSV	25°, 70%, 98%
XYZ	51.2649, 41.9953, 11.9002
YIQ	170.0620, 84.5460, -1.3900

Conversions

Conversions Part 2

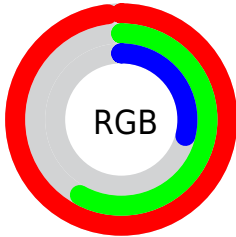
Format	Color
R _Y B	250, 202, 74
Decimal	16421962
CIE Lab	70.87, 32.57, 54.15
CIE LCh	71, 63.191, 58.971
Yxy	41.9953, 0.4875, 0.3993
Android (android.graphics.Color)	4294612042 (0xFFFA944A)
YUV	170.0620, -47.3586, 70.1056
Hunter-Lab	64.8038, 27.8008, 34.4750

Details

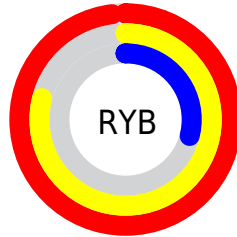
The YIQ color **170.0620, 84.5460, -1.3900** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **153.9380, -84.5460, 1.3900**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7700, 55.7090, -12.9230**, and **114.9580, 78.9070, -3.8210** is the 20% darker color. If you saturate the color by 10%, you get **158.4070, 96.6960, -1.3200**, and if you desaturate by 10%, it is **181.1300, 72.6710, -0.9370**.

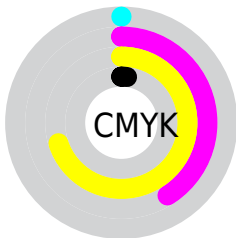
Distribution



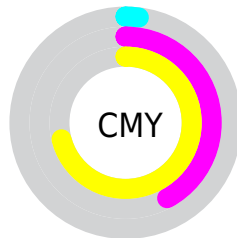
- Red (98%)
- Green (58%)
- Blue (29%)



- Red (98%)
- Yellow (79%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (70%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.0620, 84.5460, -1.3900 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 170.0620, 84.5460, -1.3900 by changing the saturation by 10% instead.

170.0620, 84.5460,
-1.3900

170.0620, 84.5460,
-1.3900

255.0000, -0.0000,
-0.0000

142.6810, 81.2450,
-2.1390

209.7700, 55.7090,
-12.9230

115.0720, 78.5860,
-3.5100

229.2840, 39.3420,
-19.1700

88.9190, 74.6430,
-3.6370

246.4500, 24.0750,
-23.3250

65.8610, 63.3630,
2.5550

249.6420, 15.0870,
-14.6170

43.1020, 52.6790,
8.9590

252.9480, 5.7780,
-5.5980

20.9300, 41.7200,
14.8400

13.8680, 27.0950,

10.0630

■ 0.0000, 0.0000,
0.0000

■ 170.0620, 84.5460,
-1.3900

■ 170.0620, 84.5460,
-1.3900

■ 158.4070, 96.6960,
-1.3200

■ 181.1300, 72.6710,
-0.9370

■ 147.3390,
108.5710, -1.7730

■ 192.7850, 60.5210,
-1.0070

■ 136.3850,
120.1250, -1.9150

■ 203.8530, 48.6460,
-0.5540

■ 215.5080, 36.4960,
-0.6240

■ 227.1630, 24.3460,
-0.6940

238.2310, 12.4710,
-0.2410

249.8860, 0.3210,
-0.3110

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



164.5880, 78.2140, 25.2700



170.0620, 84.5460, -1.3900



166.9700, 60.2970, -29.9990

Triad

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



170.0620, 84.5460, -1.3900



137.3670, -109.8450, -52.2530



173.5320, -23.6640, 32.4000

Complementary

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



170.0620, 84.5460, -1.3900



153.9380, -84.5460, 1.3900

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.



134.7300, -131.3550, -14.8350



170.0620, 84.5460, -1.3900



143.9790, -128.4630, -34.2150

Square

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



170.0620, 84.5460, -1.3900



147.4400, -50.1950, -53.9950



142.9480, -135.2050, -22.1570



177.9800, 31.3970, 53.2610

Rectangle

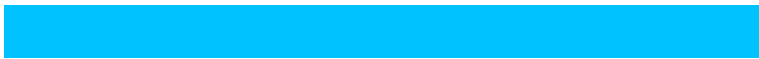
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.0620, 84.5460, -1.3900



163.6350, 33.0190, -42.2530



142.9480, -135.2050, -22.1570



168.0620, -46.1280, 21.0080

Sweetspot

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



170.0620, 84.5460, -1.3900



230.6470, 25.8590, -0.5810



138.3660, 71.8330, 69.3450



113.1990, 15.4970, -0.0150



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.



170.0620, 84.5460, -1.3900



157.8160, 102.7940, -1.7020



221.1310, 60.6210, -46.8910



119.4090, 6.0980, -0.3820



102.8840, 90.9190, -1.2490



33.5010, 29.2060, -0.6660

Inverse Universe

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



153.9380, -84.5460, 1.3900



138.1840, -102.7940, 1.7020



102.8690, -60.6210, 46.8910



118.1780, -6.3730, -0.1410



85.5290, -90.6440, 1.7720



28.0860, -29.4810, 0.1430

Previews

White Background



This preview shows how the YIQ color 170.0620, 84.5460, -1.3900 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 170.0620, 84.5460, -1.3900 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 170.0620, 84.5460, -1.3900

Background



This preview shows how black text looks on a background with the YIQ color 170.0620, 84.5460, -1.3900.



This preview shows how white text looks on a background with the YIQ color 170.0620, 84.5460,

-1.3900.

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

170.0620, 84.5460, -1.3900

Protanopia

169.1930, 40.8560, -24.5840

Deuteranopia

169.4190, 60.8910, -18.7330



Tritanopia

175.2260, 64.7340, 27.2780

Trichromacy



Original Color

170.0620, 84.5460, -1.3900

Protanomaly

169.8470, 56.8100, -16.3580

Deuteranomaly

169.5990, 69.3720, -12.7400

Tritanomaly

173.4960, 72.3010, 16.7890

Monochromacy



Original Color

170.0620, 84.5460, -1.3900

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9850, 30.7190, -0.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0620, 84.5460, -1.3900 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(250, 148, 74)` looks like.

```
.text, #text, p{  
    color:rgb(250, 148, 74)  
}
```

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(250, 148, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 148, 74) }
```

Border

The CSS property to change the border of an element to YIQ 170.0620, 84.5460, -1.3900 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(250, 148, 74) }
```


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

```
.border{ border-color:rgb(250, 148, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 148, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 148, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 148, 74);  
box-shadow:4px 4px 4px 4px rgb(250, 148,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0620, 84.5460, -1.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 148, 74) }
```

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

```
.background{ background-color: rgb(250,  
148, 74) }
```

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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