

Converting Colors

YIQ(170.1270, 68.7260, 9.9900)

Have a look what the booklet for
YIQ(170.1270, 68.7260, 9.9900)
contains.

YIQ(170.1270, 68.7260, 9.9900)	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(170.1270, 68.7260,
9.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	F2916F
RGB	242, 145, 111
RGB Percent	95%, 57%, 44%
CMY	0.0508, 0.4315, 0.5644
CMYK	0.00, 0.40, 0.54, 0.05
HSL	16°, 83%, 69%
HSV	16°, 54%, 95%
XYZ	49.6289, 40.2744, 20.2190
YIQ	170.1270, 68.7260, 9.9900

Conversions

Conversions Part 2

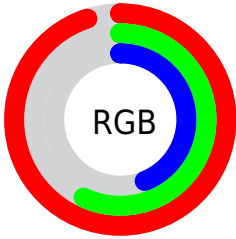
Format	Color
R _Y B	242, 157, 111
Decimal	15896943
CIE Lab	69.66, 33.38, 33.59
CIE LCh	70, 47.360, 45.181
Yxy	40.2744, 0.4507, 0.3657
Android (android.graphics.Color)	4294087023 (0xFFFF2916F)
YUV	170.1270, -29.1496, 63.0326
Hunter-Lab	63.4621, 28.5326, 25.5337

Details

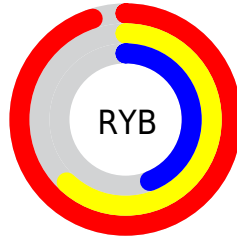
The YIQ color **170.1270, 68.7260, 9.9900** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **182.8730, -68.7260, -9.9900**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2270, 44.6570, 0.1530**, and **116.0770, 62.9950, 9.2270** is the 20% darker color. If you saturate the color by 10%, you get **156.8250, 81.3800, 11.9400**, and if you desaturate by 10%, it is **183.4290, 56.0720, 8.0400**.

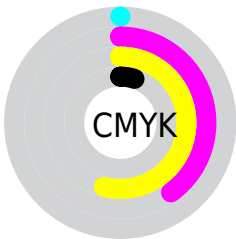
Distribution



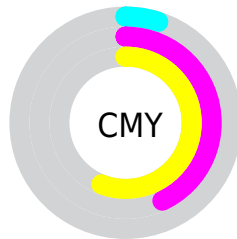
- Red (95%)
- Green (57%)
- Blue (44%)



- Red (95%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (54%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.1270, 68.7260, 9.9900 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 170.1270, 68.7260, 9.9900 by changing the saturation by 10% instead.


 170.1270, 68.7260,
9.9900


 170.1270, 68.7260,
9.9900


255.0000, -0.0000,
-0.0000


 143.0450, 66.0210,
9.4530


 212.2270, 44.6570,
0.1530


 116.1910, 62.6740,
9.5380


 231.7410, 28.2900,
-6.0940


 90.2230, 59.6480,
9.3120

 250.7820, 11.8770,
-11.5070

 64.9560, 56.0260,
8.8740

 254.0880, 2.5680,
-2.4880

 39.2700, 52.2660,
10.9380

 20.0330, 39.9320,
14.2040

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 170.1270, 68.7260,
9.9900

■ 170.1270, 68.7260,
9.9900

■ 156.8250, 81.3800,
11.9400

■ 183.4290, 56.0720,
8.0400

■ 143.5230, 94.0340,
13.8900

■ 196.7310, 43.4180,
6.0900

■ 130.1070,
107.0090, 15.5290

■ 210.1470, 30.4430,
4.4510

■ 116.8050,
119.6630, 17.4790

■ 223.4490, 17.7890,
2.5010

■ 109.3390,
126.9070, 18.3550

■ 236.7510, 5.1350,
0.5510

249.9390, -7.1980,
-1.7100

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



171.6930, 64.9170, 29.4690



170.1270, 68.7260, 9.9900



167.7100, 55.9380, -11.5660

Triad

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



170.1270, 68.7260, 9.9900



146.8150, -63.9520, -41.4560



168.4320, -44.2940, 20.8100

Complementary

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



170.1270, 68.7260, 9.9900



182.8730, -68.7260, -9.9900

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.



143.4610, -114.3000, -10.0440



170.1270, 68.7260, 9.9900



134.4780, -114.1110, -41.0150

Square

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



170.1270, 68.7260, 9.9900



158.8800, -9.8510, -36.2430



137.1630, -125.8050, -27.3170



175.3690, 4.7160, 35.6920

Rectangle

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



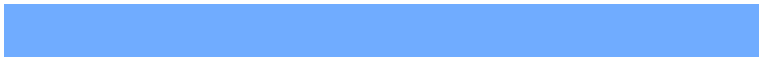
170.1270, 68.7260, 9.9900



165.6490, 39.5720, -23.3400



137.1630, -125.8050, -27.3170



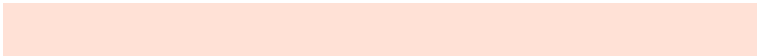
163.5220, -62.4030, 13.0930

Sweetspot

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



170.1270, 68.7260, 9.9900



232.7160, 21.4110, 2.9390



161.3410, 46.6180, 58.2500



114.5840, 12.9750, 1.6390



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.



170.1270, 68.7260, 9.9900



163.8750, 87.1110, 12.7030



207.6950, 51.1260, -23.4820



113.3490, 6.3270, 0.9750



83.1920, 96.4640, 13.9040



25.5490, 29.2510, 4.0270

Inverse Universe

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



182.8730, -68.7260, -9.9900



180.1250, -87.1110, -12.7030



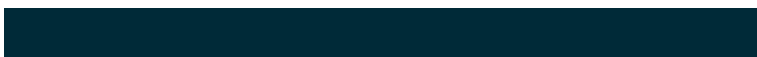
145.3050, -51.1260, 23.4820



114.6510, -6.3270, -0.9750



100.8080, -96.4640, -13.9040



31.0380, -29.5260, -4.5500

Previews

White Background



This preview shows how the YIQ color 170.1270, 68.7260, 9.9900 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 170.1270, 68.7260, 9.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

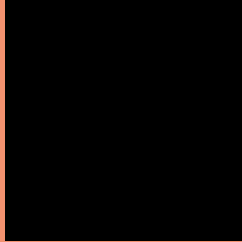
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1270, 68.7260, 9.9900

Background



This preview shows how black text looks on a background with the YIQ color 170.1270, 68.7260, 9.9900.



This preview shows how white text looks on a background with the YIQ color 170.1270, 68.7260,

9.9900.

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

170.1270, 68.7260, 9.9900

Protanopia

168.7140, 23.7520, -11.9600

Deuteranopia

169.5870, 43.2830, -7.9890



Tritanopia

172.5350, 59.3700, 25.3700

Trichromacy



Original Color

170.1270, 68.7260, 9.9900

Protanomaly

169.2540, 40.0270, -4.0450

Deuteranomaly

169.4790, 52.6350, -1.2610

Tritanomaly

171.8140, 62.7180, 19.7580

Monochromacy



Original Color

170.1270, 68.7260, 9.9900

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.0970, 24.7120, 3.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1270, 68.7260, 9.9900 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(242, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 111)  
}
```

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(242, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 111) }
```

Border

The CSS property to change the border of an element to YIQ 170.1270, 68.7260, 9.9900 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(242, 145, 111) }
```


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

```
.border{ border-color:rgb(242, 145, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1270, 68.7260, 9.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 111) }
```

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

```
.background{ background-color: rgb(242,  
145, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor