

Converting Colors

YIQ(170.8630, 70.1900, 27.5180)

Have a look what the booklet for
YIQ(170.8630, 70.1900, 27.5180)
contains.

YIQ(170.8630, 70.1900, 27.5180)	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(170.8630, 70.1900,
27.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF868C
RGB	255, 134, 140
RGB Percent	100%, 53%, 55%
CMY	0.0000, 0.4747, 0.4507
CMYK	0.00, 0.47, 0.45, 0.00
HSL	357°, 100%, 76%
HSV	357°, 47%, 100%
XYZ	54.4968, 40.1917, 29.7234
YIQ	170.8630, 70.1900, 27.5180

Conversions

Conversions Part 2

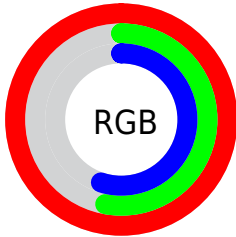
Format	Color
RYB	255, 134, 140
Decimal	16746124
CIELab	69.61, 46.39, 17.86
CIELCh	70, 49.709, 21.051
Yxy	40.1917, 0.4380, 0.3231
Android (android.graphics.Color)	4294936204 (0xFFFF868C)
YUV	170.8630, -15.2155, 73.7881
Hunter-Lab	63.3969, 42.4965, 16.5799

Details

The YIQ color **170.8630, 70.1900, 27.5180** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **218.1370, -70.1900, -27.5180**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.1900, 38.0520, 15.2360**, and **115.8130, 64.4590, 26.7550** is the 20% darker color. If you saturate the color by 10%, you get **152.8650, 85.0440, 33.6520**, and if you desaturate by 10%, it is **188.2740, 55.6110, 21.9070**.

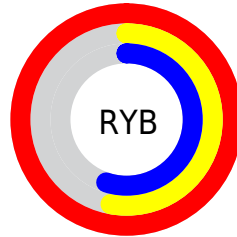
Distribution



Red (100%)

Green (53%)

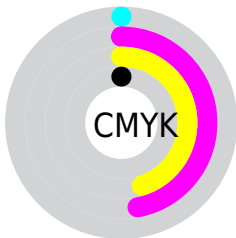
Blue (55%)



Red (100%)

Yellow (53%)

Blue (55%)

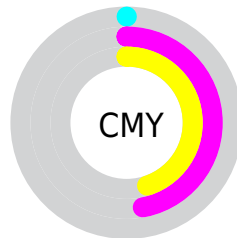


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8630, 70.1900, 27.5180 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 170.8630, 70.1900, 27.5180 by changing the saturation by 10% instead.


 170.8630, 70.1900,
27.5180

 170.8630, 70.1900,
27.5180


255.0000, -0.0000,
-0.0000

 142.8950, 67.1640,
27.2920


 209.3040, 37.7310,
15.5470


 115.8130, 64.4590,
26.7550


 229.4050, 21.0890,
8.7770

 88.6710, 61.9830,
27.5750

 249.7340, 3.8050,
2.6290

 60.4690, 59.7360,
29.7520

 34.7290, 56.0680,
30.1480

 23.6210, 47.0840,
16.7480

 16.0750, 30.9460,

11.8580

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 170.8630, 70.1900,
27.5180

■ 170.8630, 70.1900,
27.5180

■ 152.8650, 85.0440,
33.6520

■ 188.2740, 55.6110,
21.9070

■ 135.4540, 99.6230,
39.2630

■ 206.2720, 40.7570,
15.7730

■ 117.3420,
114.7980, 45.0860

■ 223.7970, 25.8570,
10.4730

■ 99.9310, 129.3770,
50.6970

■ 241.7950, 11.0030,
4.3390

■ 81.9330, 144.2310, 255.0000, -0.0000,
56.8310 -0.0000

■ 77.7270, 147.8070,
58.1030

Harmonies

Analogous

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



173.7150, 50.6560, 40.1280



170.8630, 70.1900, 27.5180



168.9760, 70.4690, 5.9330

Triad

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



170.8630, 70.1900, 27.5180



155.9110, -20.3040, -39.5360



147.8970, -103.6640, -4.5600

Complementary

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



170.8630, 70.1900, 27.5180



218.1370, -70.1900, -27.5180

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.



138.1890, -128.6940, -24.5180



170.8630, 70.1900, 27.5180



133.3640, -96.5950, -50.0910

Square

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



170.8630, 70.1900, 27.5180



162.6960, 23.0220, -31.7780



136.2050, -117.5960, -38.4280



170.0850, -35.7670, 25.9690

Rectangle

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



170.8630, 70.1900, 27.5180



167.8140, 61.5770, -9.1350



136.2050, -117.5960, -38.4280



136.4910, -132.1800, -16.4040

Sweetspot

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



170.8630, 70.1900, 27.5180



229.9920, 20.8140, 8.2540



181.5810, 28.5070, 61.5870



112.6920, 12.7910, 4.9750



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.



170.8630, 70.1900, 27.5180



154.1530, 84.1730, 32.9170



200.7030, 57.8160, -1.5440



118.8870, 7.7480, 2.7560



58.2490, 110.6260, 43.6020



19.4780, 37.1810, 14.5010

Inverse Universe

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



170.8630, 70.1900, 27.5180



154.1530, 84.1730, 32.9170



188.2970, -57.8160, 1.5440



118.8870, 7.7480, 2.7560



58.2490, 110.6260, 43.6020



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 170.8630, 70.1900, 27.5180 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 170.8630, 70.1900, 27.5180 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 170.8630, 70.1900, 27.5180

Background



This preview shows how black text looks on a background with the YIQ color 170.8630, 70.1900, 27.5180.



This preview shows how white text looks on a background with the YIQ color 170.8630, 70.1900,

27.5180.

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

170.8630, 70.1900, 27.5180

Protanopia

170.4260, 7.4280, -2.4600

Deuteranopia

171.1590, 30.1690, -1.5990



Tritanopia

171.2050, 69.2270, 28.4510

Trichromacy



Original Color

170.8630, 70.1900, 27.5180

Protanomaly

170.6680, 30.5340, 8.3100

Deuteranomaly

170.9100, 44.4720, 9.0160

Tritanomaly

171.0910, 69.5480, 28.1400

Monochromacy



Original Color

170.8630, 70.1900, 27.5180

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.3840, 25.5820, 9.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8630, 70.1900, 27.5180 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, 134, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 140)  
}
```

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, 134, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 140) }
```

Border

The CSS property to change the border of an element to YIQ 170.8630, 70.1900, 27.5180 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, 134, 140) }
```


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

```
.border{ border-color:rgb(255, 134, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8630, 70.1900, 27.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 140) }
```

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

```
.background{ background-color: rgb(255,  
134, 140) }
```

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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