

Converting Colors

YIQ(172.1680, 70.6490, 24.7050)

Have a look what the booklet for
YIQ(172.1680, 70.6490, 24.7050)
contains.

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Color

**YIQ(172.1680, 70.6490,
24.7050)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8988 |
| RGB | 255, 137, 136 |
| RGB Percent | 100%, 54%, 53% |
| CMY | 0.0000, 0.4629, 0.4664 |
| CMYK | 0.00, 0.46, 0.47, 0.00 |
| HSL | 0°, 100%, 77% |
| HSV | 0°, 47%, 100% |
| XYZ | 54.6276, 40.9168, 28.3378 |
| YIQ | 172.1680, 70.6490, 24.7050 |

Conversions

Conversions Part 2

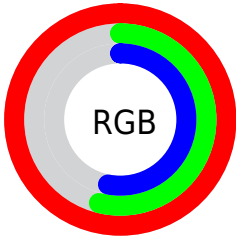
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 137, 136 |
| Decimal | 16746888 |
| CIE Lab | 70.12, 44.52, 20.79 |
| CIE LCh | 70, 49.131, 25.029 |
| Yxy | 40.9168, 0.4410, 0.3303 |
| Android (android.graphics.Color) | 4294936968 (0xFFFF8988) |
| YUV | 172.1680, -17.8308, 72.6437 |
| Hunter-Lab | 63.9663, 40.4993, 18.5102 |

Details

The YIQ color **172.1680, 70.6490, 24.7050** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **218.8320, -70.6490, -24.7050**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.4950, 38.5110, 12.4230**, and **117.1180, 64.9180, 23.9420** is the 20% darker color. If you saturate the color by 10%, you get **154.6430, 85.5490, 30.0050**, and if you desaturate by 10%, it is **189.8070, 55.4280, 19.7160**.

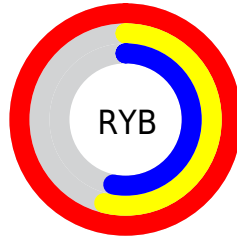
Distribution



Red (100%)

Green (54%)

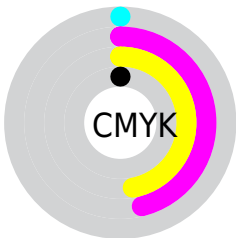
Blue (53%)



Red (100%)

Yellow (54%)

Blue (53%)

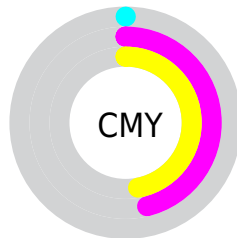


Cyan (0%)

Magenta (46%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1680, 70.6490, 24.7050 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 172.1680, 70.6490, 24.7050 by changing the saturation by 10% instead.


 172.1680, 70.6490,
24.7050


 172.1680, 70.6490,
24.7050


255.0000, -0.0000,
-0.0000


 144.2000, 67.6230,
24.4790


 210.4950, 38.5110,
12.4230


 117.1180, 64.9180,
23.9420


 230.7100, 21.5480,
5.9640

 90.5630, 62.1670,
24.2390

 251.0390, 4.2640,
-0.1840

 62.9480, 59.6450,
25.8930

 34.3870, 57.0310,
29.2150

 23.6210, 47.0840,
16.7480

 16.3740, 31.5420,

12.0700

■ 1.4950, 2.9800,
1.0600

■ 0.0000, 0.0000,
0.0000

■ 172.1680, 70.6490,
24.7050

■ 172.1680, 70.6490,
24.7050

■ 154.6430, 85.5490,
30.0050

■ 189.8070, 55.4280,
19.7160

■ 136.4170,
101.0450, 35.5170

■ 207.9190, 40.2530,
13.8930

■ 118.8920,
115.9450, 40.8170

■ 225.5580, 25.0320,
8.9040

■ 101.2530,
131.1660, 45.8060

■ 243.0830, 10.1320,
3.6040

■ 83.1410, 146.3410, 255.0000, -0.0000,
51.6290 -0.0000

■ 77.4190, 151.4300,
53.0140

Harmonies

Analogous

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



174.6290, 53.7740, 38.6860



172.1680, 70.6490, 24.7050



170.4980, 68.8190, 2.7950

Triad

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



172.1680, 70.6490, 24.7050



156.3880, -26.0810, -39.4650



155.3830, -87.2970, 1.6870

Complementary

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



172.1680, 70.6490, 24.7050



218.8320, -70.6490, -24.7050

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.



138.7590, -130.2990, -22.9630



172.1680, 70.6490, 24.7050



132.3460, -105.3520, -51.0800

Square

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



172.1680, 70.6490, 24.7050



163.7170, 18.5290, -32.9510



137.5900, -120.1180, -36.7740



173.1460, -28.5690, 27.6790

Rectangle

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



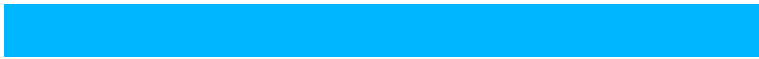
172.1680, 70.6490, 24.7050



168.9660, 58.0930, -12.0750



137.5900, -120.1180, -36.7740



135.9040, -131.9050, -15.8810

Sweetspot

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



172.1680, 70.6490, 24.7050



230.3510, 21.1810, 7.1090



185.1470, 32.7250, 62.2370



112.5780, 13.1120, 4.6640



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.



172.1680, 70.6490, 24.7050



155.3440, 84.9530, 29.7930



206.8010, 54.4240, -6.1520



118.8870, 7.7480, 2.7560



57.6960, 113.5610, 39.9690



19.1360, 38.1440, 13.5680

Inverse Universe

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



218.8320, -70.6490, -24.7050



211.6560, -84.9530, -29.7930



184.7860, -54.6990, 5.6290



123.5260, -7.4730, -2.2330



133.3040, -113.5610, -39.9690



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 172.1680, 70.6490, 24.7050 looks on a white background.

Color Contrast Check

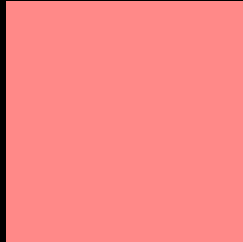
Large Text (above 18pt) WCAG AA × Fail

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 172.1680, 70.6490, 24.7050 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 172.1680, 70.6490, 24.7050

Background



This preview shows how black text looks on a background with the YIQ color 172.1680, 70.6490, 24.7050.



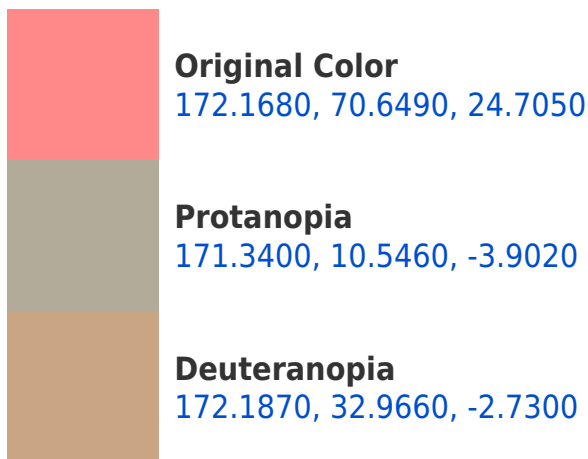
This preview shows how white text looks on a background with the YIQ color 172.1680, 70.6490,

24.7050.

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





Tritanopia

172.7210, 67.7140, 28.3380

Trichromacy



Original Color

172.1680, 70.6490, 24.7050

Protanomaly

171.9840, 32.4600, 6.4440

Deuteranomaly

172.2260, 46.3980, 7.1500

Tritanomaly

172.2650, 68.9980, 27.0940

Monochromacy



Original Color

172.1680, 70.6490, 24.7050

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8570, 25.6280, 9.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1680, 70.6490, 24.7050 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, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 136)  
}
```

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, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 136) }
```

Border

The CSS property to change the border of an element to YIQ 172.1680, 70.6490, 24.7050 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, 137, 136) }
```


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

```
.border{ border-color:rgb(255, 137, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1680, 70.6490, 24.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 136) }
```

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

```
.background{ background-color: rgb(255,  
137, 136) }
```

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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