

Converting Colors

YIQ(168.1730, 72.2530, 28.6770)

Have a look what the booklet for
YIQ(168.1730, 72.2530, 28.6770)
contains.

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Color

**YIQ(168.1730, 72.2530,
28.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8289
RGB	255, 130, 137
RGB Percent	100%, 51%, 54%
CMY	0.0000, 0.4904, 0.4625
CMYK	0.00, 0.49, 0.46, 0.00
HSL	357°, 100%, 75%
HSV	357°, 49%, 100%
XYZ	53.7362, 39.0195, 28.3932
YIQ	168.1730, 72.2530, 28.6770

Conversions

Conversions Part 2

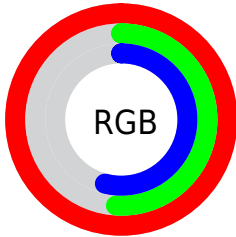
Format	Color
R_{YB}	255, 130, 137
Decimal	16745097
CIE _{Lab}	68.77, 48.07, 18.37
CIE _{LCh}	69, 51.463, 20.915
Yxy	39.0195, 0.4436, 0.3221
Android (android.graphics.Color)	4294935177 (0xFFFF8289)
YUV	168.1730, -15.3683, 76.1473
Hunter-Lab	62.4656, 44.2402, 16.7761

Details

The YIQ color **168.1730, 72.2530, 28.6770** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.8270, -72.2530, -28.6770**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5000, 40.1150, 16.3950**, and **112.5360, 66.7970, 28.4370** is the 20% darker color. If you saturate the color by 10%, you get **150.1750, 87.1070, 34.8110**, and if you desaturate by 10%, it is **185.5840, 57.6740, 23.0660**.

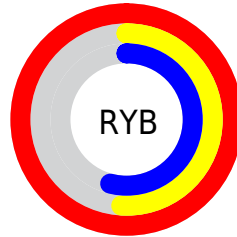
Distribution



Red (100%)

Green (51%)

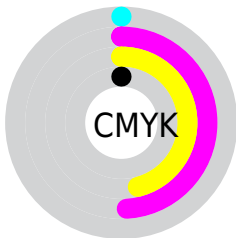
Blue (54%)



Red (100%)

Yellow (51%)

Blue (54%)

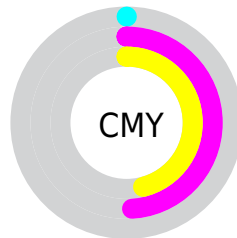


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.1730, 72.2530, 28.6770 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 168.1730, 72.2530, 28.6770 by changing the saturation by 10% instead.


 168.1730, 72.2530,
28.6770


 168.1730, 72.2530,
28.6770


255.0000, -0.0000,
-0.0000

 140.2050, 69.2270,
28.4510


 206.5000, 40.1150,
16.3950


 112.5360, 66.7970,
28.4370


 226.7150, 23.1520,
9.9360

 85.0950, 63.7250,
29.0450

 247.0440, 5.8680,
3.7880

 55.1320, 62.3030,
32.7910

 34.2020, 56.1140,
29.3140

 23.3220, 46.4880,
16.5360

 15.7760, 30.3500,

11.6460

■ 0.0000, 0.0000,
0.0000

■ 168.1730, 72.2530,
28.6770

■ 168.1730, 72.2530,
28.6770

■ 150.1750, 87.1070,
34.8110

■ 185.5840, 57.6740,
23.0660

■ 132.7640,
101.6860, 40.4220

■ 203.5820, 42.8200,
16.9320

■ 114.7660,
116.5400, 46.5560

■ 220.9930, 28.2410,
11.3210

■ 97.3550, 131.1190,
52.1670

■ 238.9910, 13.3870,
5.1870

■ 79.3570, 145.9730,
58.3010

■ 255.0000, -0.0000,
-0.0000

■ 77.9550, 147.1650,
58.7250

Harmonies

Analogous

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



171.1390, 52.3980, 41.5980



168.1730, 72.2530, 28.6770



166.7590, 72.5780, 6.2580

Triad

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



168.1730, 72.2530, 28.6770



153.0850, -20.8540, -40.5820



137.7530, -120.9940, -9.8740

Complementary

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



168.1730, 72.2530, 28.6770



216.8270, -72.2530, -28.6770

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.



137.0150, -128.1440, -23.4720



168.1730, 72.2530, 28.6770



128.8580, -101.0420, -52.0980

Square

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



168.1730, 72.2530, 28.6770



160.2400, 24.3060, -33.0220



134.9170, -116.7250, -37.6930



167.8290, -37.9220, 26.4780

Rectangle

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



168.1730, 72.2530, 28.6770



165.7710, 63.1360, -9.8560



134.9170, -116.7250, -37.6930



135.3170, -131.6300, -15.3580

Sweetspot

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



168.1730, 72.2530, 28.6770



228.5900, 22.0060, 8.6780



179.2330, 29.6070, 63.6790



111.9910, 13.3870, 5.1870



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.



168.1730, 72.2530, 28.6770



150.7620, 86.8320, 34.2880



199.0730, 59.6500, -1.7420



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

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



168.1730, 72.2530, 28.6770



150.7620, 86.8320, 34.2880



185.9270, -59.6500, 1.7420



118.8870, 7.7480, 2.7560



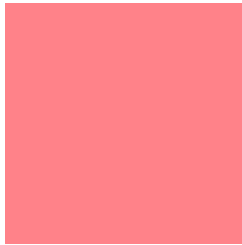
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 168.1730, 72.2530, 28.6770 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 168.1730, 72.2530, 28.6770 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 168.1730, 72.2530, 28.6770

Background



This preview shows how black text looks on a background with the YIQ color 168.1730, 72.2530, 28.6770.



This preview shows how white text looks on a background with the YIQ color 168.1730, 72.2530,

28.6770.

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

168.1730, 72.2530, 28.6770

Protanopia

168.4260, 7.4280, -2.4600

Deuteranopia

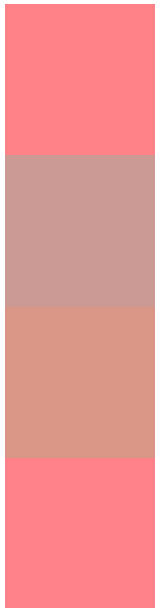
168.4580, 30.7650, -1.3870



Tritanopia

168.4010, 71.6110, 29.2990

Trichromacy



Original Color

168.1730, 72.2530, 28.6770

Protanomaly

168.0810, 30.8090, 8.8330

Deuteranomaly

168.5080, 45.6640, 9.4400

Tritanomaly

168.2870, 71.9320, 28.9880

Monochromacy



Original Color

168.1730, 72.2530, 28.6770

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0960, 26.4530, 10.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.1730, 72.2530, 28.6770 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, 130, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 137)  
}
```

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, 130, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 137) }
```

Border

The CSS property to change the border of an element to YIQ 168.1730, 72.2530, 28.6770 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, 130, 137) }
```


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

```
.border{ border-color:rgb(255, 130, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 168.1730, 72.2530, 28.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 137) }
```

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

```
.background{ background-color: rgb(255,  
130, 137) }
```

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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