

Converting Colors

YIQ(170.2780, 58.9560, 32.8760)

Have a look what the booklet for
YIQ(170.2780, 58.9560, 32.8760)
contains.

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Color

**YIQ(170.2780, 58.9560,
32.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	F785A1
RGB	247, 133, 161
RGB Percent	97%, 52%, 63%
CMY	0.0311, 0.4786, 0.3684
CMYK	0.00, 0.46, 0.35, 0.03
HSL	345°, 88%, 75%
HSV	345°, 46%, 97%
XYZ	53.2025, 39.1246, 38.4910
YIQ	170.2780, 58.9560, 32.8760

Conversions

Conversions Part 2

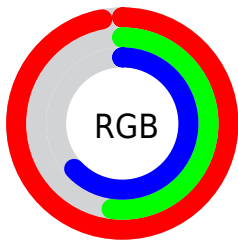
Format	Color
R_{YB}	247, 133, 161
Decimal	16221601
CIE _{Lab}	68.84, 46.37, 4.86
CIE _{LCh}	69, 46.626, 5.987
Yxy	39.1246, 0.4067, 0.2991
Android (android.graphics.Color)	4294411681 (0xFFFF785A1)
YUV	170.2780, -4.5741, 67.2852
Hunter-Lab	62.5497, 42.3638, 7.2997

Details

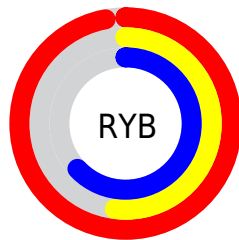
The YIQ color **170.2780, 58.9560, 32.8760** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **209.7220, -58.9560, -32.8760**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2250, 30.9440, 22.9120**, and **115.7120, 54.7380, 32.2260** is the 20% darker color. If you saturate the color by 10%, you get **153.4370, 71.9300, 40.0420**, and if you desaturate by 10%, it is **187.1190, 45.9820, 25.7100**.

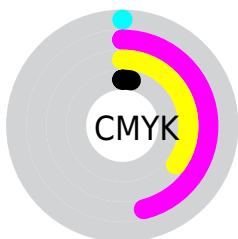
Distribution



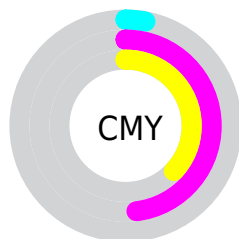
- Red (97%)
- Green (52%)
- Blue (63%)



- Red (97%)
- Yellow (52%)
- Blue (63%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2780, 58.9560, 32.8760 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 170.2780, 58.9560, 32.8760 by changing the saturation by 10% instead.


 170.2780, 58.9560,
32.8760

 170.2780, 58.9560,
32.8760


255.0000, -0.0000,
-0.0000


 142.4950, 56.8470,
32.5510


 211.2250, 30.9440,
22.9120


 115.7120, 54.7380,
32.2260


 231.4400, 13.9810,
16.4530

 88.3420, 52.9040,
32.4240

 249.7170, 2.4750,
4.7070

 60.0260, 50.9780,
34.2900

 35.1720, 47.6310,
34.3750

 24.7050, 38.2800,
22.1200

 15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 170.2780, 58.9560,
32.8760

■ 170.2780, 58.9560,
32.8760

■ 153.4370, 71.9300,
40.0420

■ 187.1190, 45.9820,
25.7100

■ 137.2970, 84.3080,
46.9960

■ 203.2590, 33.6040,
18.7560

■ 120.4560, 97.2820,
54.1620

■ 220.1000, 20.6300,
11.5900

■ 103.7290,
109.9350, 61.6390

■ 236.9410, 7.6560,
4.4240

■ 86.8880, 122.9090,
68.8050

■ 252.4940, -4.4470,
-2.0070

■ 80.8070, 127.6310,
71.3350

■ 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



172.6080, 31.9040, 38.5600



170.2780, 58.9560, 32.8760



168.3430, 68.3580, 16.6620

Triad

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



170.2780, 58.9560, 32.8760



158.8770, 3.3990, -34.0810



134.0630, -128.0990, -18.7790

Complementary

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



170.2780, 58.9560, 32.8760



209.7220, -58.9560, -32.8760

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.



134.9800, -121.0360, -31.1480



170.2780, 58.9560, 32.8760



149.9330, -43.7330, -38.9410

Square

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



170.2780, 58.9560, 32.8760



163.5780, 38.3340, -22.9300



131.4800, -108.4250, -44.9450



162.6040, -59.6980, 13.6300

Rectangle

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



170.2780, 58.9560, 32.8760



167.2310, 65.1970, 2.3570



131.4800, -108.4250, -44.9450



135.0260, -126.6770, -22.5250

Sweetspot

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



170.2780, 58.9560, 32.8760



230.7900, 18.5670, 10.4310



171.7100, 14.6620, 53.6860



113.1480, 11.5070, 6.2190



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.



170.2780, 58.9560, 32.8760



160.7360, 72.5260, 40.2540



183.5220, 60.2440, 9.5240



113.9300, 6.1890, 3.4770



60.8580, 96.0900, 53.7380



19.2370, 30.6700, 16.8620

Inverse Universe

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



170.2780, 58.9560, 32.8760



160.7360, 72.5260, 40.2540



196.4780, -60.2440, -9.5240



113.9300, 6.1890, 3.4770



60.8580, 96.0900, 53.7380



19.2370, 30.6700, 16.8620

Previews

White Background



This preview shows how the YIQ color 170.2780, 58.9560, 32.8760 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 170.2780, 58.9560, 32.8760 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 170.2780, 58.9560, 32.8760

Background



This preview shows how black text looks on a background with the YIQ color 170.2780, 58.9560, 32.8760.



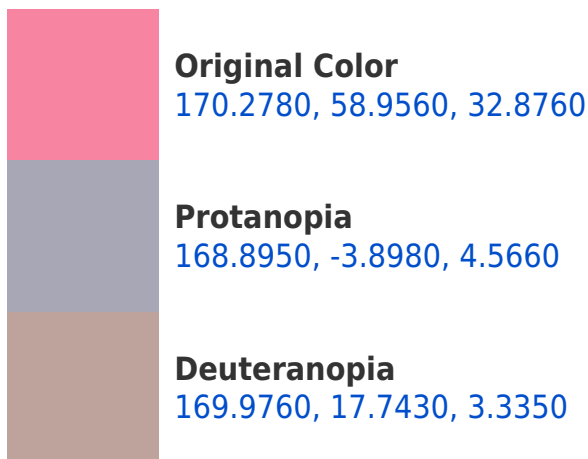
This preview shows how white text looks on a background with the YIQ color 170.2780, 58.9560,

32.8760.

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

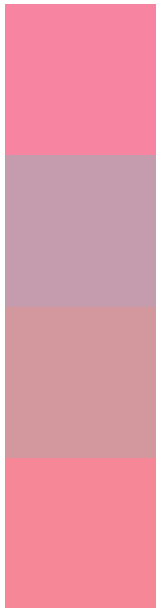




Tritanopia

170.0300, 62.3500, 26.4300

Trichromacy



Original Color

170.2780, 58.9560, 32.8760

Protanomaly

169.7240, 18.9330, 14.8130

Deuteranomaly

170.0260, 32.6420, 14.1620

Tritanomaly

170.0130, 61.0200, 28.5080

Monochromacy



Original Color

170.2780, 58.9560, 32.8760

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3990, 21.2260, 11.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2780, 58.9560, 32.8760 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(247, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 133, 161)  
}
```

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(247, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 133, 161) }
```

Border

The CSS property to change the border of an element to YIQ 170.2780, 58.9560, 32.8760 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(247, 133, 161) }
```


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

```
.border{ border-color:rgb(247, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 133,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2780, 58.9560, 32.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 133, 161) }
```

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

```
.background{ background-color: rgb(247,  
133, 161) }
```

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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