

Converting Colors

YIQ(171.9970, 57.9490, 23.5890)

Have a look what the booklet for
YIQ(171.9970, 57.9490, 23.5890)
contains.

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Color

**YIQ(171.9970, 57.9490,
23.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	F28D94
RGB	242, 141, 148
RGB Percent	95%, 55%, 58%
CMY	0.0507, 0.4472, 0.4194
CMYK	0.00, 0.42, 0.39, 0.05
HSL	356°, 80%, 75%
HSV	356°, 42%, 95%
XYZ	51.5078, 40.0655, 33.0594
YIQ	171.9970, 57.9490, 23.5890

Conversions

Conversions Part 2

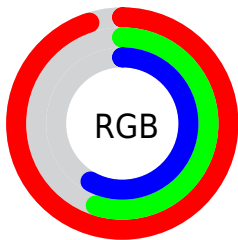
Format	Color
R _Y B	242, 141, 148
Decimal	15895956
CIE Lab	69.52, 39.04, 13.02
CIE LCh	70, 41.154, 18.441
Yxy	40.0655, 0.4133, 0.3215
Android (android.graphics.Color)	4294086036 (0xFFFF28D94)
YUV	171.9970, -11.8305, 61.3926
Hunter-Lab	63.2973, 34.4832, 13.3417

Details

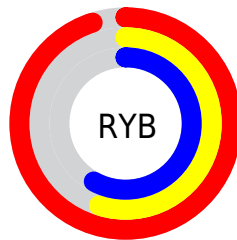
The YIQ color **171.9970, 57.9490, 23.5890** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **211.0030, -57.9490, -23.5890**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3250, 33.2380, 14.3740**, and **118.0180, 53.4560, 22.4160** is the 20% darker color. If you saturate the color by 10%, you get **155.4010, 71.6110, 29.2990**, and if you desaturate by 10%, it is **188.7070, 43.9660, 18.1900**.

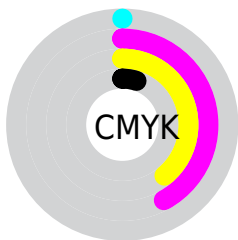
Distribution



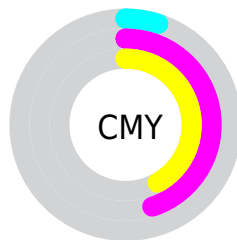
- Red (95%)
- Green (55%)
- Blue (58%)



- Red (95%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.9970, 57.9490, 23.5890 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 171.9970, 57.9490, 23.5890 by changing the saturation by 10% instead.


 171.9970, 57.9490,
23.5890


 171.9970, 57.9490,
23.5890


255.0000, -0.0000,
-0.0000


 144.2140, 55.8400,
23.2640


 214.3250, 33.2380,
14.3740


 118.1320, 53.1350,
22.7270


 233.9530, 16.5500,
8.4380

 91.4630, 50.7050,
22.7130

 253.8260, 0.5500,
1.0460

 65.7940, 48.2750,
22.6990

 36.8310, 46.8530,
26.4450

 22.2120, 40.9860,
17.1300

 14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 171.9970, 57.9490,
23.5890

■ 171.9970, 57.9490,
23.5890

■ 155.4010, 71.6110,
29.2990

■ 188.7070, 43.9660,
18.1900

■ 138.6910, 85.5940,
34.6980

■ 205.3030, 30.3040,
12.4800

■ 121.5080, 99.5310,
40.9310

■ 222.6000, 16.0460,
6.5580

■ 104.7980,
113.5140, 46.3300

■ 239.1960, 2.3840,
0.8480

■ 88.2020, 127.1760,
52.0400

■ 251.1130, -7.7480,
-2.7560

■ 74.2960, 138.7750,
56.5910

Harmonies

Analogous

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



174.2250, 40.1120, 32.9760



171.9970, 57.9490, 23.5890



170.5280, 60.1070, 6.4990

Triad

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



171.9970, 57.9490, 23.5890



159.8460, -12.5110, -32.0870



157.1900, -76.5680, -0.0240

Complementary

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



171.9970, 57.9490, 23.5890



211.0030, -57.9490, -23.5890

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.



134.8320, -123.3750, -27.3030



171.9970, 57.9490, 23.5890



151.2230, -56.1130, -34.8410

Square

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



171.9970, 57.9490, 23.5890



164.9120, 22.6540, -25.1060



132.8310, -113.6070, -39.1350



169.6630, -31.8230, 20.5690

Rectangle

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



171.9970, 57.9490, 23.5890



168.8440, 52.8650, -5.4310



132.8310, -113.6070, -39.1350



149.8240, -93.3930, -8.9850

Sweetspot

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



171.9970, 57.9490, 23.5890



232.0950, 19.0260, 7.6180



180.3210, 23.0070, 51.1270



113.5070, 11.8740, 5.0740



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.



171.9970, 57.9490, 23.5890



166.8850, 73.1240, 29.4120



195.8530, 48.6460, -0.5540



111.7020, 6.8310, 2.8550



56.4980, 105.4910, 43.0510



17.2000, 32.0920, 13.1160

Inverse Universe

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



171.9970, 57.9490, 23.5890



166.8850, 73.1240, 29.4120



187.1470, -48.6460, 0.5540



111.7020, 6.8310, 2.8550



56.4980, 105.4910, 43.0510



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 171.9970, 57.9490, 23.5890 looks on a white background.

Color Contrast Check

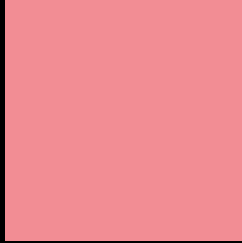
Large Text (above 18pt) WCAG AA × Fail

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 171.9970, 57.9490, 23.5890 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 171.9970, 57.9490, 23.5890

Background



This preview shows how black text looks on a background with the YIQ color 171.9970, 57.9490, 23.5890.



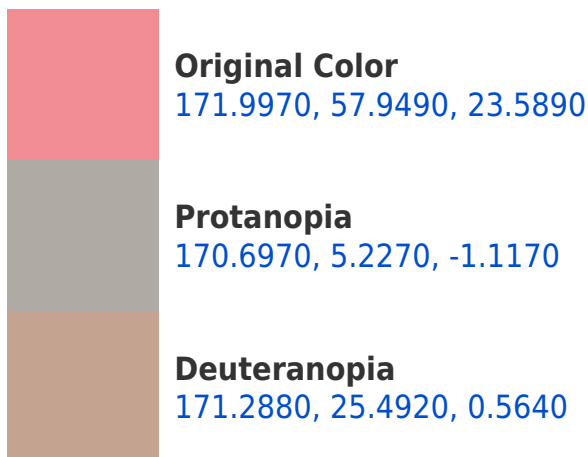
This preview shows how white text looks on a background with the YIQ color 171.9970, 57.9490,

23.5890.

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

172.3390, 56.9860, 24.5220

Trichromacy



Original Color

171.9970, 57.9490, 23.5890



Protanomaly

170.8460, 24.1610, 8.1690



Deuteranomaly

171.7890, 37.5030, 8.6630



Tritanomaly

172.2250, 57.3070, 24.2110

Monochromacy



Original Color

171.9970, 57.9490, 23.5890



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.9920, 20.8140, 8.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9970, 57.9490, 23.5890 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, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 148)  
}
```

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, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 148) }
```

Border

The CSS property to change the border of an element to YIQ 171.9970, 57.9490, 23.5890 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, 141, 148) }
```


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

```
.border{ border-color:rgb(242, 141, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 141, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 141, 148); box-shadow:4px 4px 4px 4px rgb(242, 141, 148) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9970, 57.9490, 23.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 148) }
```

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

```
.background{ background-color: rgb(242,  
141, 148) }
```

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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