

Converting Colors

YIQ(175.0990, 57.9020, 29.9500)

Have a look what the booklet for
YIQ(175.0990, 57.9020, 29.9500)
contains.

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Color

**YIQ(175.0990, 57.9020,
29.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	F98CA2
RGB	249, 140, 162
RGB Percent	98%, 55%, 64%
CMY	0.0233, 0.4511, 0.3645
CMYK	0.00, 0.44, 0.35, 0.02
HSL	348°, 90%, 76%
HSV	348°, 44%, 98%
XYZ	54.9896, 41.5059, 39.3209
YIQ	175.0990, 57.9020, 29.9500

Conversions

Conversions Part 2

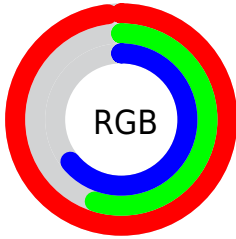
Format	Color
R _Y B	249, 140, 162
Decimal	16354466
CIE Lab	70.53, 43.66, 6.76
CIE LCh	71, 44.181, 8.806
Yxy	41.5059, 0.4049, 0.3056
Android (android.graphics.Color)	4294544546 (0xFF98CA2)
YUV	175.0990, -6.4578, 64.8112
Hunter-Lab	64.4251, 39.6135, 8.9108

Details

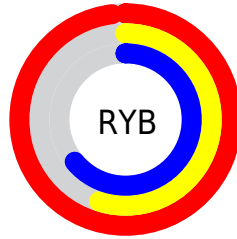
The YIQ color **175.0990, 57.9020, 29.9500** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.9010, -57.9020, -29.9500**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.4480, 28.6980, 19.5620**, and **120.5330, 53.6840, 29.3000** is the 20% darker color. If you saturate the color by 10%, you get **158.1440, 71.1970, 36.8050**, and if you desaturate by 10%, it is **192.0540, 44.6070, 23.0950**.

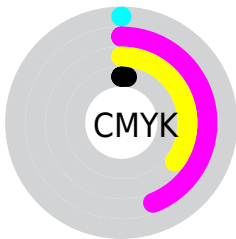
Distribution



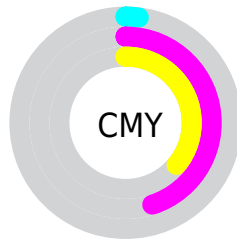
- Red (98%)
- Green (55%)
- Blue (64%)



- Red (98%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.0990, 57.9020, 29.9500 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 175.0990, 57.9020, 29.9500 by changing the saturation by 10% instead.


 175.0990, 57.9020,
29.9500


 175.0990, 57.9020,
29.9500

255.0000, -0.0000,
-0.0000


 147.3160, 55.7930,
29.6250


 215.4480, 28.6980,
19.5620


 120.5330, 53.6840,
29.3000


 235.6630, 11.7350,
13.1030

 93.7500, 51.5750,
28.9750

 253.8260, 0.5500,
1.0460

 66.9070, 49.6950,
30.0070

 36.0690, 49.4190,
35.0110

 25.4170, 39.1510,
22.8550

 16.3740, 31.5420,

12.0700

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 175.0990, 57.9020,
29.9500

■ 175.0990, 57.9020,
29.9500

■ 158.1440, 71.1970,
36.8050

■ 192.0540, 44.6070,
23.0950

■ 141.1890, 84.4920,
43.6600

■ 209.0090, 31.3120,
16.2400

■ 124.2340, 97.7870,
50.5150

■ 225.9640, 18.0170,
9.3850

■ 107.3930,
110.7610, 57.6810

■ 242.9190, 4.7220,
2.5300

■ 90.4380, 124.0560,
64.5360

■ 253.2060, -3.5760,
-1.2720

■ 80.1510, 132.3540,
68.3380

Harmonies

Analogous

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



176.9240, 33.8300, 36.6940



175.0990, 57.9020, 29.9500



173.3810, 65.1950, 13.4110

Triad

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



175.0990, 57.9020, 29.9500



163.6640, -0.3150, -32.8510



146.3210, -111.0900, -13.1540

Complementary

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



175.0990, 57.9020, 29.9500



213.9010, -57.9020, -29.9500

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.



137.4250, -123.7870, -30.8510



175.0990, 57.9020, 29.9500



155.2150, -44.4670, -36.6510

Square

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



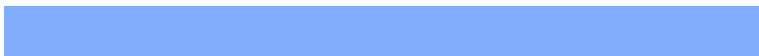
175.0990, 57.9020, 29.9500



168.1260, 33.7950, -23.2690



134.7400, -112.0930, -44.5490



169.1490, -50.9870, 15.4530

Rectangle

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



175.0990, 57.9020, 29.9500



172.0240, 61.3460, 0.5620



134.7400, -112.0930, -44.5490



137.1290, -128.4650, -23.1610

Sweetspot

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



175.0990, 57.9020, 29.9500



232.6650, 17.4210, 9.1730



177.8410, 15.6710, 51.9190



113.7350, 11.2320, 5.6960



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.



175.0990, 57.9020, 29.9500



163.4430, 71.7930, 37.0170



190.7880, 56.4390, 6.8950



116.2290, 6.7850, 3.6890



60.8430, 100.4460, 51.8860



19.6070, 32.5040, 16.6640

Inverse Universe

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



175.0990, 57.9020, 29.9500



163.4430, 71.7930, 37.0170



198.2120, -56.4390, -6.8950



116.2290, 6.7850, 3.6890



60.8430, 100.4460, 51.8860



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 175.0990, 57.9020, 29.9500 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 175.0990, 57.9020, 29.9500 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 175.0990, 57.9020, 29.9500

Background



This preview shows how black text looks on a background with the YIQ color 175.0990, 57.9020, 29.9500.



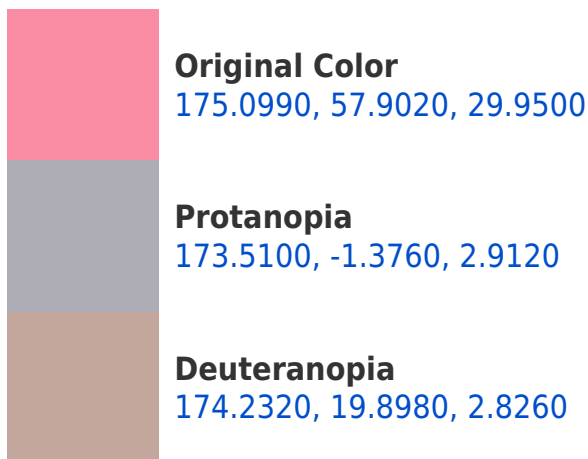
This preview shows how white text looks on a background with the YIQ color 175.0990, 57.9020,

29.9500.

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

174.8340, 59.9660, 25.5820

Trichromacy



Original Color

175.0990, 57.9020, 29.9500



Protanomaly

173.7410, 20.2630, 12.7350



Deuteranomaly

174.5700, 33.9260, 12.9180



Tritanomaly

174.7030, 58.9570, 27.3490

Monochromacy



Original Color

175.0990, 57.9020, 29.9500



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8720, 21.2720, 10.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.0990, 57.9020, 29.9500 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(249, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(249, 140, 162)  
}
```

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(249, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 140, 162) }
```

Border

The CSS property to change the border of an element to YIQ 175.0990, 57.9020, 29.9500 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(249, 140, 162) }
```


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

```
.border{ border-color:rgb(249, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(249, 140,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 175.0990, 57.9020, 29.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 140, 162) }
```

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

```
.background{ background-color: rgb(249,  
140, 162) }
```

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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