

Converting Colors

YIQ(190.9570, 21.0360, 48.3000)

Have a look what the booklet for
YIQ(190.9570, 21.0360, 48.3000)
contains.

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Color

**YIQ(190.9570, 21.0360,
48.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	F19AFA
RGB	241, 154, 250
RGB Percent	95%, 60%, 98%
CMY	0.0546, 0.3962, 0.0196
CMYK	0.04, 0.38, 0.00, 0.02
HSL	294°, 91%, 79%
HSV	294°, 38%, 98%
XYZ	65.1041, 48.7142, 96.4158
YIQ	190.9570, 21.0360, 48.3000

Conversions

Conversions Part 2

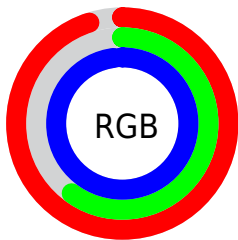
Format	Color
R _Y B	241, 154, 250
Decimal	15833850
CIE Lab	75.27, 47.33, -34.69
CIE LCh	75, 58.682, 323.764
Yxy	48.7142, 0.3097, 0.2317
Android (android.graphics.Color)	4294023930 (0xFFFF19AFA)
YUV	190.9570, 29.1082, 43.8877
Hunter-Lab	69.7956, 44.3595, -33.0465

Details

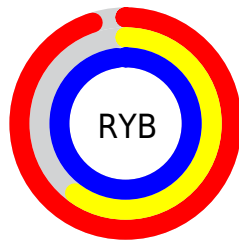
The YIQ color **190.9570, 21.0360, 48.3000** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.0430, -21.0360, -48.3000**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.5850, 12.3750, 23.5350**, and **136.0060, 19.3400, 45.9960** is the 20% darker color. If you saturate the color by 10%, you get **175.6840, 26.7190, 60.9510**, and if you desaturate by 10%, it is **206.2300, 15.3530, 35.6490**.

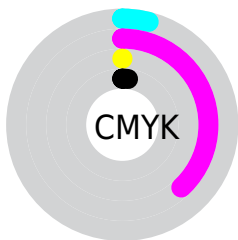
Distribution



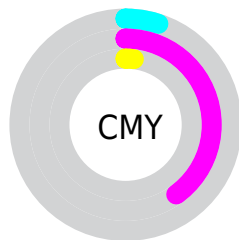
- Red (95%)
- Green (60%)
- Blue (98%)



- Red (95%)
- Yellow (60%)
- Blue (98%)



- Cyan (4%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.9570, 21.0360, 48.3000 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 190.9570, 21.0360, 48.3000 by changing the saturation by 10% instead.


 190.9570, 21.0360,
48.3000


 190.9570, 21.0360,
48.3000


255.0000, -0.0000,
-0.0000


 163.1310, 20.4860,
47.2540


 228.5850, 12.3750,
23.5350


 136.0060, 19.3400,
45.9960

 245.6080, 4.4000,
8.3680

 109.5930, 19.0650,
45.4730

 82.8810, 18.1940,
44.7380

 55.1200, 19.0190,
46.3070

 32.7560, 17.0480,
43.4800

 22.6590, 9.5310,

31.0270

■ 12.5620, 2.0140,
18.5740

■ 2.8670, -6.6950,
5.6970

■ 190.9570, 21.0360,
48.3000

■ 190.9570, 21.0360,
48.3000

■ 175.6840, 26.7190,
60.9510

■ 206.2300, 15.3530,
35.6490

■ 160.1120, 31.8060,
73.3900

■ 221.8020, 10.2660,
23.2100

■ 144.8390, 37.4890,
86.0410

■ 237.0750, 4.5830,
10.5590

■ 129.5660, 43.1720,
98.6920

■ 252.3480, -1.1000,
-2.0920

■ 113.9940, 48.2590,
111.1310

■ 253.8320, 0.4130,
-1.9790

■ 98.7210, 53.9420,
123.7820

■ 254.4300, 1.6050,
-1.5550

■ 96.3730, 55.0420,
125.8740

Harmonies

Analogous

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



183.2120, -28.9350, 23.2970



190.9570, 21.0360, 48.3000



180.5240, 49.8760, 43.2520

Triad

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



190.9570, 21.0360, 48.3000



180.9690, 62.0380, -23.0020



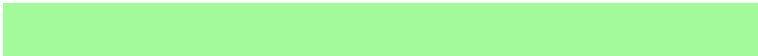
150.3220, -131.1670, -40.2790

Complementary

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



190.9570, 21.0360, 48.3000



213.0430, -21.0360, -48.3000

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.



144.0520, -113.5120, -57.3840



190.9570, 21.0360, 48.3000



175.7250, 24.0780, -39.9060

Square

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



190.9570, 21.0360, 48.3000



180.2770, 76.7510, 2.2150



166.4810, -31.0770, -48.0450



150.5790, -138.7800, -28.9560

Rectangle

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



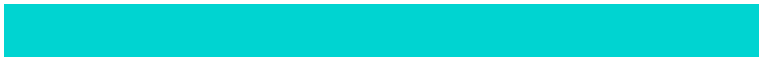
190.9570, 21.0360, 48.3000



176.3060, 61.7530, 31.7450



166.4810, -31.0770, -48.0450



148.2700, -125.3890, -45.8770

Sweetspot

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



190.9570, 21.0360, 48.3000



235.9060, 6.7370, 15.5770



170.8140, -33.5660, 24.6260



116.8360, 3.7580, 8.9900



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.



190.9570, 21.0360, 48.3000



183.0320, 25.6190, 58.8590



189.3160, 38.5980, 38.3900



117.0700, 2.9790, 6.5870



72.6750, 41.2470, 95.0310



23.6980, 13.7950, 30.8430

Inverse Universe

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



183.7300, 54.3270, 23.1510



174.2370, 66.2010, 28.2250



214.6840, -38.5980, -38.3900



116.1150, 7.1060, 3.3780



58.5630, 106.8660, 45.6660



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 190.9570, 21.0360, 48.3000 looks on a white background.

Color Contrast Check

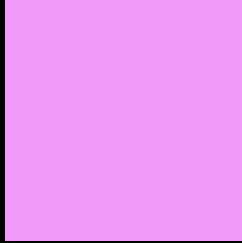
Large Text (above 18pt) WCAG AA × Fail

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 190.9570, 21.0360, 48.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

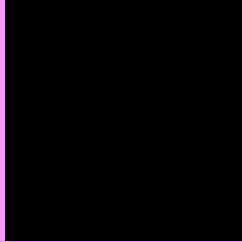
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.9570, 21.0360, 48.3000

Background



This preview shows how black text looks on a background with the YIQ color 190.9570, 21.0360, 48.3000.



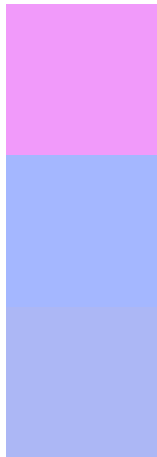
This preview shows how white text looks on a background with the YIQ color 190.9570, 21.0360,

48.3000.

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

190.9570, 21.0360, 48.3000

Protanopia

185.5270, -34.4360, 18.3640

Deuteranopia

186.7790, -26.4580, 16.9500



Tritanopia

188.6180, 33.9710, 17.6110

Trichromacy



Original Color

190.9570, 21.0360, 48.3000



Protanomaly

187.2140, -14.0810, 29.4310



Deuteranomaly

188.0250, -9.1750, 28.6250



Tritanomaly

189.4300, 29.1090, 28.6370

Monochromacy



Original Color

190.9570, 21.0360, 48.3000



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

191.1450, 7.5620, 17.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.9570, 21.0360, 48.3000 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(241, 154, 250)` looks like.

```
.text, #text, p{  
    color:rgb(241, 154, 250)  
}
```

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(241, 154, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 154, 250) }
```

Border

The CSS property to change the border of an element to YIQ 190.9570, 21.0360, 48.3000 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(241, 154, 250) }
```


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

```
.border{ border-color:rgb(241, 154, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 154, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 154, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 154, 250);  
box-shadow:4px 4px 4px 4px rgb(241, 154,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 190.9570, 21.0360, 48.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 154, 250) }
```

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

```
.background{ background-color: rgb(241,  
154, 250) }
```

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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