

Converting Colors

YIQ(195.7200, 25.8970, 42.8010)

Have a look what the booklet for
YIQ(195.7200, 25.8970, 42.8010)
contains.

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Color

**YIQ(195.7200, 25.8970,
42.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A1F0
RGB	247, 161, 240
RGB Percent	97%, 63%, 94%
CMY	0.0311, 0.3687, 0.0588
CMYK	0.00, 0.35, 0.03, 0.03
HSL	305°, 84%, 80%
HSV	305°, 35%, 97%
XYZ	66.8489, 51.5550, 88.8741
YIQ	195.7200, 25.8970, 42.8010

Conversions

Conversions Part 2

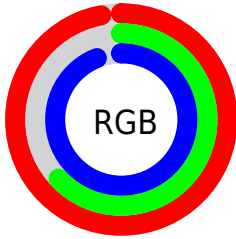
Format	Color
R _Y B	247, 161, 240
Decimal	16228848
CIE Lab	77.01, 43.73, -26.54
CIE LCh	77, 51.156, 328.745
Yxy	51.5550, 0.3225, 0.2487
Android (android.graphics.Color)	4294418928 (0xFFFF7A1F0)
YUV	195.7200, 21.8300, 44.9726
Hunter-Lab	71.8018, 40.5339, -23.1261

Details

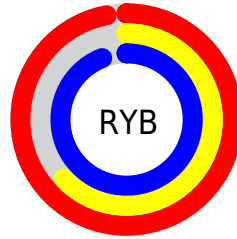
The YIQ color **195.7200, 25.8970, 42.8010** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.2800, -25.8970, -42.8010**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **140.8830, 23.8800, 40.8080** is the 20% darker color. If you saturate the color by 10%, you get **180.8170, 33.4140, 55.2540**, and if you desaturate by 10%, it is **210.6230, 18.3800, 30.3480**.

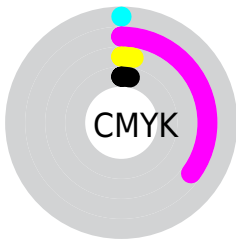
Distribution



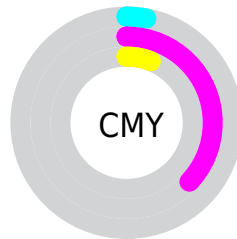
- Red (97%)
- Green (63%)
- Blue (94%)



- Red (97%)
- Yellow (63%)
- Blue (94%)



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




- Cyan (3%)
- Magenta (37%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7200, 25.8970, 42.8010 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 195.7200, 25.8970, 42.8010 by changing the saturation by 10% instead.

 195.7200, 25.8970,
42.8010


 195.7200, 25.8970,
42.8010


255.0000, -0.0000,
-0.0000


 168.0080, 25.0260,
42.0660


 232.6940, 10.4500,
19.8740


 140.2960, 24.1550,
41.3310

 249.7170, 2.4750,
4.7070

 114.1710, 23.0090,
40.0730

 87.8720, 22.4130,
39.8610

 61.8720, 22.4130,
39.8610

 33.7520, 22.8710,
42.5750

 23.5410, 15.6750,

29.8110

■ 14.5690, 9.3040,
18.6160

■ 1.1400, -3.2100,
3.1100

■ 195.7200, 25.8970,
42.8010

■ 195.7200, 25.8970,
42.8010

■ 180.8170, 33.4140,
55.2540

■ 210.6230, 18.3800,
30.3480

■ 166.5010, 40.6560,
67.1840

■ 224.9390, 11.1380,
18.4180

■ 151.5980, 48.1730,
79.6370

■ 239.8420, 3.6210,
5.9650

■ 136.6950, 55.6900,
92.0900

■ 251.8100, -2.5210,
-3.8730

■ 121.7920, 63.2070,
104.5430

■ 252.0380, -3.1630,
-3.2510

■ 107.4760, 70.4490,
116.4730

■ 252.2660, -3.8050,
-2.6290

■ 99.7310, 74.3450,
122.9610

■ 252.4940, -4.4470,
-2.0070

■ 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.



191.2520, -17.2440, 26.1800



195.7200, 25.8970, 42.8010



186.9980, 48.1810, 35.4210

Triad

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



195.7200, 25.8970, 42.8010



186.4500, 50.4380, -22.0260



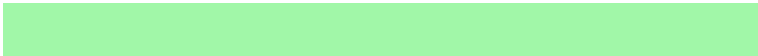
152.2940, -133.9640, -39.1480

Complementary

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



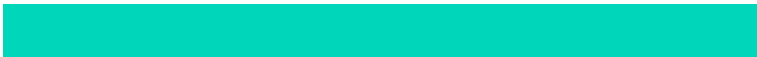
195.7200, 25.8970, 42.8010



212.2800, -25.8970, -42.8010

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.



146.8220, -118.5560, -54.0760



195.7200, 25.8970, 42.8010



181.5700, 14.4490, -36.1030

Square

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



195.7200, 25.8970, 42.8010



188.5750, 69.9200, -0.6400



173.2020, -34.4250, -42.4330



151.1660, -139.0550, -29.4790

Rectangle

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



195.7200, 25.8970, 42.8010



183.9370, 58.1780, 24.9460



173.2020, -34.4250, -42.4330



150.5840, -129.1490, -43.8130

Sweetspot

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



195.7200, 25.8970, 42.8010



240.0970, 7.5170, 12.4530



172.5980, -24.0300, 28.0180



118.3800, 5.0420, 7.7460



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.



195.7200, 25.8970, 42.8010



191.1650, 32.3140, 53.1620



190.9320, 39.3790, 29.7390



114.8420, 3.6210, 5.9650



75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Inverse Universe

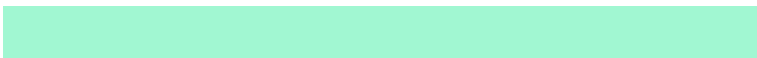
The Inverse Universe completely reimagines the original color for something new.



195.7200, 25.8970, 42.8010



191.1650, 32.3140, 53.1620



217.0680, -39.3790, -29.7390



114.8420, 3.6210, 5.9650



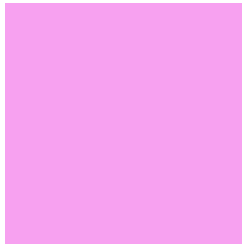
75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Previews

White Background



This preview shows how the YIQ color 195.7200, 25.8970, 42.8010 looks on a white background.

Color Contrast Check

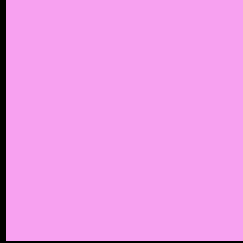
Large Text (above 18pt) WCAG AA × Fail

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 195.7200, 25.8970, 42.8010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

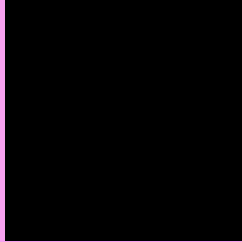
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.7200, 25.8970, 42.8010

Background



This preview shows how black text looks on a background with the YIQ color 195.7200, 25.8970, 42.8010.



This preview shows how white text looks on a background with the YIQ color 195.7200, 25.8970,

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

195.7200, 25.8970, 42.8010

Protanopia

190.5550, -31.6390, 17.2330

Deuteranopia

192.1730, -16.0040, 14.7160



Tritanopia

193.8140, 36.3550, 18.4590

Trichromacy



Original Color

195.7200, 25.8970, 42.8010



Protanomaly

192.4870, -10.5960, 26.8440



Deuteranomaly

193.6960, -1.0590, 24.7090



Tritanomaly

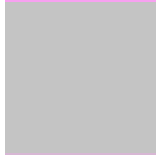
194.6430, 32.8230, 27.4070

Monochromacy



Original Color

195.7200, 25.8970, 42.8010



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.8740, 9.7630, 15.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7200, 25.8970, 42.8010 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, 161, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 240)  
}
```

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, 161, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 240) }
```

Border

The CSS property to change the border of an element to YIQ 195.7200, 25.8970, 42.8010 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, 161, 240) }
```


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

```
.border{ border-color:rgb(247, 161, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7200, 25.8970, 42.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 240) }
```

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

```
.background{ background-color: rgb(247,  
161, 240) }
```

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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