

Converting Colors

YIQ(194.1110, 23.2380, 41.4300)

Have a look what the booklet for
YIQ(194.1110, 23.2380, 41.4300)
contains.

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Color

**YIQ(194.1110, 23.2380,
41.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A1EF
RGB	242, 161, 239
RGB Percent	95%, 63%, 94%
CMY	0.0507, 0.3687, 0.0627
CMYK	0.00, 0.34, 0.01, 0.05
HSL	302°, 76%, 79%
HSV	302°, 34%, 95%
XYZ	64.9592, 50.5985, 88.0104
YIQ	194.1110, 23.2380, 41.4300

Conversions

Conversions Part 2

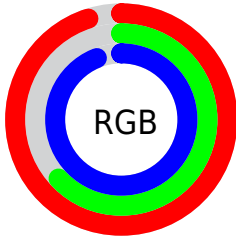
Format	Color
R _Y B	242, 161, 239
Decimal	15901167
CIE Lab	76.44, 42.00, -26.93
CIE LCh	76, 49.890, 327.328
Yxy	50.5985, 0.3191, 0.2486
Android (android.graphics.Color)	4294091247 (0xFFF2A1EF)
YUV	194.1110, 22.1303, 41.9987
Hunter-Lab	71.1326, 38.5263, -23.5650

Details

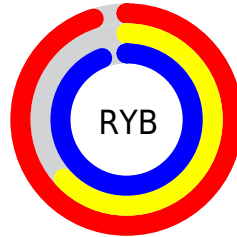
The YIQ color **194.1110, 23.2380, 41.4300** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.8890, -23.2380, -41.4300**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **139.5730, 21.8170, 39.6490** is the 20% darker color. If you saturate the color by 10%, you get **179.9090, 30.1590, 53.6710**, and if you desaturate by 10%, it is **208.3130, 16.3170, 29.1890**.

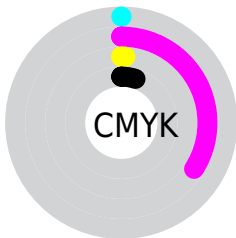
Distribution



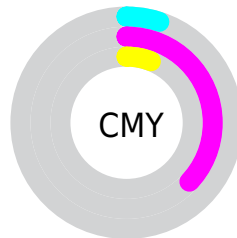
- Red (95%)
- Green (63%)
- Blue (94%)



- Red (95%)
- Yellow (63%)
- Blue (94%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (37%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1110, 23.2380, 41.4300 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 194.1110, 23.2380, 41.4300 by changing the saturation by 10% instead.

194.1110, 23.2380,
41.4300

194.1110, 23.2380,
41.4300

255.0000, -0.0000,
-0.0000

166.3990, 22.3670,
40.6950

232.6940, 10.4500,
19.8740

139.5730, 21.8170,
39.6490

249.7170, 2.4750,
4.7070

112.8610, 20.9460,
38.9140

87.1490, 20.0750,
38.1790

60.8500, 19.4790,
37.9670

32.4420, 20.8080,
41.4160

22.3450, 13.2910,

28.9630

■ 13.2590, 7.2410,
17.4570

■ 1.0260, -2.8890,
2.7990

■ 194.1110, 23.2380,
41.4300

■ 194.1110, 23.2380,
41.4300

■ 179.9090, 30.1590,
53.6710

■ 208.3130, 16.3170,
29.1890

■ 165.7070, 37.0800,
65.9120

■ 222.5150, 9.3960,
16.9480

■ 150.9180, 44.2760,
78.6760

■ 237.3040, 2.2000,
4.1840

■ 136.7160, 51.1970,
90.9170

■ 249.7450, -3.8960,
-6.4880

■ 122.5140, 58.1180,
103.1580

■ 249.8590, -4.2170,
-6.1770

■ 108.4260, 64.7180,
115.7100

■ 249.9730, -4.5380,
-5.8660

■ 98.9200, 69.4390,
123.7670

■ 250.0870, -4.8590,
-5.5550

■ 250.2010, -5.1800,
-5.2440

Harmonies

Analogous

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



189.1700, -19.9490, 25.6430



194.1110, 23.2380, 41.4300



187.1120, 47.8600, 35.7320

Triad

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



194.1110, 23.2380, 41.4300



185.0910, 50.0710, -20.8810



150.5500, -131.8090, -39.6570

Complementary

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



194.1110, 23.2380, 41.4300



208.8890, -23.2380, -41.4300

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.



148.2960, -111.0830, -51.8430



194.1110, 23.2380, 41.4300



180.1080, 15.8700, -34.3220

Square

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



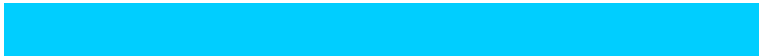
194.1110, 23.2380, 41.4300



187.6290, 69.8280, 1.0280



172.9960, -30.8490, -41.1610



149.9920, -138.5050, -28.4330

Rectangle

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



194.1110, 23.2380, 41.4300



184.0510, 57.8570, 25.2570



172.9960, -30.8490, -41.1610



148.8400, -126.9940, -44.3220

Sweetspot

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



194.1110, 23.2380, 41.4300



240.2110, 7.1960, 12.7640



171.1310, -24.2130, 25.8270



118.4940, 4.7210, 8.0570



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.



194.1110, 23.2380, 41.4300



194.6700, 29.3340, 52.1020



189.5510, 36.0780, 28.9900



112.8420, 3.6210, 5.9650



75.1940, 52.8470, 94.0550



22.9000, 16.0420, 28.6660

Inverse Universe

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



194.1110, 23.2380, 41.4300



194.6700, 29.3340, 52.1020



213.4490, -36.0780, -28.9900



112.8420, 3.6210, 5.9650



75.1940, 52.8470, 94.0550



22.9000, 16.0420, 28.6660

Previews

White Background



This preview shows how the YIQ color 194.1110, 23.2380, 41.4300 looks on a white background.

Color Contrast Check

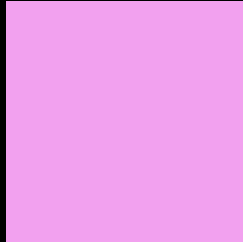
Large Text (above 18pt) WCAG AA × Fail

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 194.1110, 23.2380, 41.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

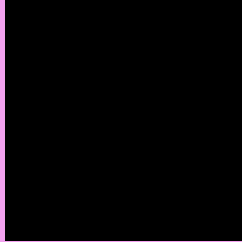
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.1110, 23.2380, 41.4300

Background



This preview shows how black text looks on a background with the YIQ color 194.1110, 23.2380, 41.4300.



This preview shows how white text looks on a background with the YIQ color 194.1110, 23.2380,

41.4300.

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

194.1110, 23.2380, 41.4300

Protanopia

189.3700, -32.5560, 17.3320

Deuteranopia

190.4010, -16.6460, 15.3380



Tritanopia

192.3190, 33.3750, 17.3990

Trichromacy



Original Color

194.1110, 23.2380, 41.4300



Protanomaly

191.4760, -12.0630, 25.8970



Deuteranomaly

191.5110, -1.9760, 24.8080



Tritanomaly

193.1480, 29.8430, 26.3470

Monochromacy



Original Color

194.1110, 23.2380, 41.4300



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.8630, 8.2960, 14.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1110, 23.2380, 41.4300 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, 161, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 161, 239)  
}
```

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, 161, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 161, 239) }
```

Border

The CSS property to change the border of an element to YIQ 194.1110, 23.2380, 41.4300 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, 161, 239) }
```


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

```
.border{ border-color:rgb(242, 161, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 161, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 161, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 161, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 161,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1110, 23.2380, 41.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 161, 239) }
```

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

```
.background{ background-color: rgb(242,  
161, 239) }
```

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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