

Converting Colors

YIQ(194.9890, 8.8420, 38.0100)

Have a look what the booklet for
YIQ(194.9890, 8.8420, 38.0100)
contains.

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Color

**YIQ(194.9890, 8.8420,
38.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A8FA
RGB	227, 168, 250
RGB Percent	89%, 66%, 98%
CMY	0.1096, 0.3413, 0.0196
CMYK	0.09, 0.33, 0.00, 0.02
HSL	283°, 89%, 82%
HSV	283°, 33%, 98%
XYZ	62.9462, 51.2367, 97.0086
YIQ	194.9890, 8.8420, 38.0100

Conversions

Conversions Part 2

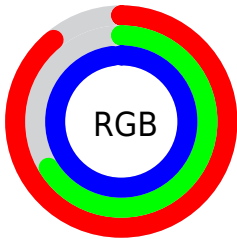
Format	Color
R _Y B	227, 168, 250
Decimal	14919930
CIE Lab	76.82, 35.73, -32.41
CIE LCh	77, 48.240, 317.791
Yxy	51.2367, 0.2981, 0.2426
Android (android.graphics.Color)	4293110010 (0xFFE3A8FA)
YUV	194.9890, 27.1204, 28.0736
Hunter-Lab	71.5798, 31.7056, -30.2469

Details

The YIQ color $194.9890, 8.8420, 38.0100$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $223.0110, -8.8420, -38.0100$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8030, 8.5250, 16.2130$, and $140.6360, 8.3380, 36.1300$ is the 20% darker color. If you saturate the color by 10%, you get $178.2210, 11.5450, 49.6010$, and if you desaturate by 10%, it is $211.7570, 6.1390, 26.4190$.

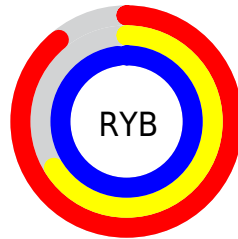
Distribution



Red (89%)

Green (66%)

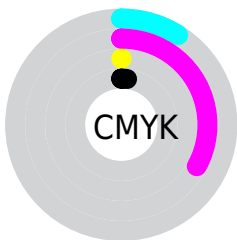
Blue (98%)



Red (89%)

Yellow (66%)

Blue (98%)

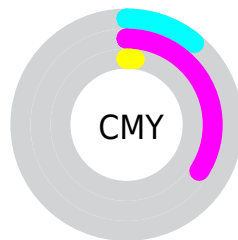


Cyan (9%)

Magenta (33%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (34%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.9890, 8.8420, 38.0100 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 194.9890, 8.8420, 38.0100 by changing the saturation by 10% instead.

194.9890, 8.8420,
38.0100

194.9890, 8.8420,
38.0100

255.0000, -0.0000,
-0.0000

167.4620, 8.8880,
37.1760

236.8030, 8.5250,
16.2130

140.6360, 8.3380,
36.1300

253.8260, 0.5500,
1.0460

114.5110, 7.1920,
34.8720

88.9840, 7.2380,
34.0380

64.2720, 6.3670,
33.3030

39.8590, 6.0920,
32.7800

19.9680, 4.1670,

29.1190

■ 10.4690, -2.1580,
17.0900

■ 2.8670, -6.6950,
5.6970

■ 194.9890, 8.8420,
38.0100

■ 194.9890, 8.8420,
38.0100

■ 178.2210, 11.5450,
49.6010

■ 211.7570, 6.1390,
26.4190

■ 161.4530, 14.2480,
61.1920

■ 228.5250, 3.4360,
14.8280

■ 144.6850, 16.9510,
72.7830

■ 245.2930, 0.7330,
3.2370

■ 127.9170, 19.6540,
84.3740

■ 254.4300, 1.6050,
-1.5550

■ 111.1490, 22.3570,
95.9650

■ 94.3810, 25.0600,
107.5560

■ 82.3200, 27.0300,
115.9100

Harmonies

Analogous

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



187.0000, -34.3900, 17.5300



194.9890, 8.8420, 38.0100



191.1700, 41.9450, 38.3050

Triad

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



194.9890, 8.8420, 38.0100



187.5420, 56.3510, -13.5450



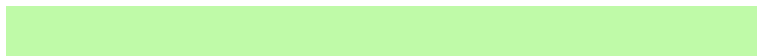
149.5410, -127.5900, -44.5340

Complementary

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



194.9890, 8.8420, 38.0100



223.0110, -8.8420, -38.0100

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.



165.5370, -69.0410, -42.8410



194.9890, 8.8420, 38.0100



183.2020, 27.4690, -29.7710

Square

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



194.9890, 8.8420, 38.0100



187.3500, 66.4800, 6.6400



177.3740, -14.2980, -38.2500



151.7530, -139.3300, -30.0020

Rectangle

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



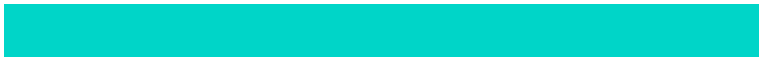
194.9890, 8.8420, 38.0100



186.5760, 52.1250, 30.0210



177.3740, -14.2980, -38.2500



147.8310, -122.7750, -49.1990

Sweetspot

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



194.9890, 8.8420, 38.0100



238.2320, 2.7030, 11.5910



190.8490, -32.6470, 13.4730



117.1130, 1.4200, 7.3080



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.



194.9890, 8.8420, 38.0100



188.5150, 10.5370, 45.8410



199.8140, 28.3280, 37.2880



116.1730, 1.1910, 5.9510



62.2100, 20.3870, 87.6110



20.1100, 6.6430, 28.2990

Inverse Universe

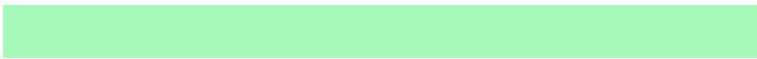
The Inverse Universe completely reimagines the original color for something new.



195.1400, 41.4890, 24.5370



188.6790, 50.3370, 29.3850



218.1860, -28.3280, -37.2880



116.3430, 6.4640, 4.0000



62.5530, 95.6310, 56.5510



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 194.9890, 8.8420, 38.0100 looks on a white background.

Color Contrast Check

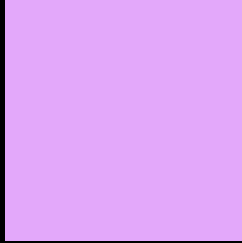
Large Text (above 18pt) WCAG AA × Fail

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 194.9890, 8.8420, 38.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

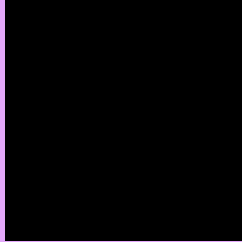
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.9890, 8.8420, 38.0100

Background



This preview shows how black text looks on a background with the YIQ color 194.9890, 8.8420, 38.0100.



This preview shows how white text looks on a background with the YIQ color 194.9890, 8.8420,

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

194.9890, 8.8420, 38.0100

Protanopia

190.2560, -32.2350, 17.0210

Deuteranopia

191.0350, -24.3030, 16.4410



Tritanopia

192.5560, 19.3460, 12.8340

Trichromacy



Original Color

194.9890, 8.8420, 38.0100



Protanomaly

192.1980, -17.1520, 24.5120



Deuteranomaly

192.4220, -11.9710, 24.2290



Tritanomaly

193.4990, 15.4930, 22.0930

Monochromacy



Original Color

194.9890, 8.8420, 38.0100



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.9980, 3.4820, 13.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.9890, 8.8420, 38.0100 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(227, 168, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 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(227, 168, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 250) }
```

Border

The CSS property to change the border of an element to YIQ 194.9890, 8.8420, 38.0100 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(227, 168, 250) }
```


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

```
.border{ border-color:rgb(227, 168, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 194.9890, 8.8420, 38.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 250) }
```

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

```
.background{ background-color: rgb(227,  
168, 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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