

Converting Colors

YIQ(197.4910, 19.1120, 39.1120)

Have a look what the booklet for
YIQ(197.4910, 19.1120, 39.1120)
contains.

YIQ(197.4910, 19.1120, 39.1120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(197.4910, 19.1120,
39.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A7F3
RGB	240, 167, 243
RGB Percent	94%, 65%, 95%
CMY	0.0586, 0.3452, 0.0470
CMYK	0.01, 0.31, 0.00, 0.05
HSL	298°, 76%, 80%
HSV	298°, 31%, 95%
XYZ	65.9458, 52.6327, 91.4809
YIQ	197.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

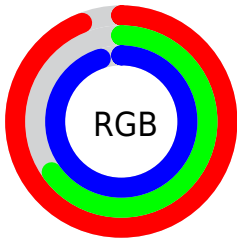
Format	Color
R _Y B	240, 167, 243
Decimal	15771635
CIE Lab	77.66, 38.95, -27.24
CIE LCh	78, 47.528, 325.027
Yxy	52.6327, 0.3139, 0.2506
Android (android.graphics.Color)	4293961715 (0xFFFF0A7F3)
YUV	197.4910, 22.4359, 37.2804
Hunter-Lab	72.5484, 35.2950, -23.9786

Details

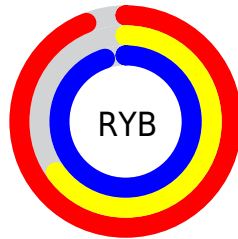
The YIQ color $197.4910, 19.1120, 39.1120$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $212.5090, -19.1120, -39.1120$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $142.9530, 17.6910, 37.3310$ is the 20% darker color. If you saturate the color by 10%, you get $183.1040, 25.1160, 51.4520$, and if you desaturate by 10%, it is $211.8780, 13.1080, 26.7720$.

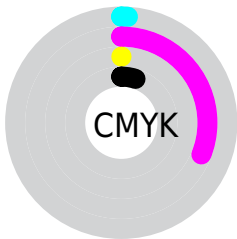
Distribution



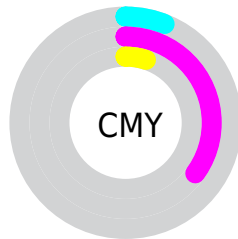
- Red (94%)
- Green (65%)
- Blue (95%)



- Red (94%)
- Yellow (65%)
- Blue (95%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4910, 19.1120, 39.1120 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 197.4910, 19.1120, 39.1120 by changing the saturation by 10% instead.

197.4910, 19.1120,
39.1120

197.4910, 19.1120,
39.1120

255.0000, -0.0000,
-0.0000

169.6650, 18.5620,
38.0660

236.2160, 8.8000,
16.7360

142.9530, 17.6910,
37.3310

253.2390, 0.8250,
1.5690

116.2410, 16.8200,
36.5960

90.4150, 16.2700,
35.5500

65.1160, 15.6740,
35.3380

38.9420, 16.2240,
36.3840

22.3880, 11.7320,

29.6840

■ 13.6010, 6.2780,
18.3900

■ 2.1830, -4.7690,
3.8310

■ 197.4910, 19.1120,
39.1120

■ 197.4910, 19.1120,
39.1120

■ 183.1040, 25.1160,
51.4520

■ 211.8780, 13.1080,
26.7720

■ 168.1300, 31.3950,
64.3150

■ 226.8520, 6.8290,
13.9090

■ 153.7430, 37.3990,
76.6550

■ 241.2390, 0.8250,
1.5690

■ 139.3560, 43.4030,
88.9950

■ 250.3430, -2.7040,
-6.0640

124.3820, 49.6820,
101.8580

250.6420, -2.1080,
-5.8520

109.9950, 55.6860,
114.1980

250.9410, -1.5120,
-5.6400

97.6680, 61.4610,
125.1810

251.2400, -0.9160,
-5.4280

251.5390, -0.3200,
-5.2160

251.8380, 0.2760,
-5.0040

Harmonies

Analogous

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



191.8060, -21.9200, 22.8160



197.4910, 19.1120, 39.1120



191.3180, 44.2840, 34.4600

Triad

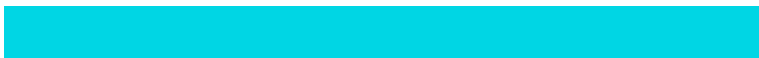
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.4910, 19.1120, 39.1120



189.0850, 50.2080, -17.8560



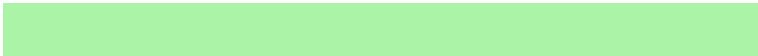
151.6100, -132.0380, -41.0140

Complementary

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



197.4910, 19.1120, 39.1120



212.5090, -19.1120, -39.1120

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.



163.5230, -83.6210, -42.9250



197.4910, 19.1120, 39.1120



184.9450, 17.8870, -32.3290

Square

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



197.4910, 19.1120, 39.1120



190.4160, 66.1140, 2.2580



178.1000, -25.2100, -38.7300



151.7530, -139.3300, -30.0020

Rectangle

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



197.4910, 19.1120, 39.1120



187.8980, 53.9140, 25.1300



178.1000, -25.2100, -38.7300



150.4870, -127.4980, -46.2020

Sweetspot

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



197.4910, 19.1120, 39.1120



241.2000, 5.7290, 11.8170



178.0120, -25.4960, 21.5440



118.8960, 3.5290, 7.6330



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.



197.4910, 19.1120, 39.1120



196.8650, 24.2910, 49.8830



194.5120, 31.8140, 29.1740



114.9560, 3.3000, 6.2760



74.7250, 46.9780, 95.7940



23.4700, 14.4370, 30.2210

Inverse Universe

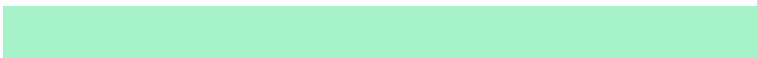
The Inverse Universe completely reimagines the original color for something new.



190.0660, 44.3330, 17.0450



187.4590, 56.5280, 21.8080



215.4880, -31.8140, -29.1740



113.7020, 6.8310, 2.8550



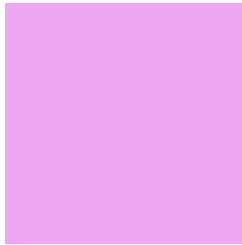
56.4120, 108.6090, 41.6090



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 197.4910, 19.1120, 39.1120 looks on a white background.

Color Contrast Check

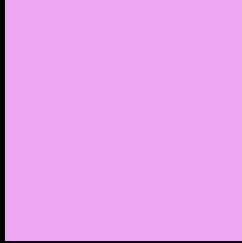
Large Text (above 18pt) WCAG AA × Fail

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 197.4910, 19.1120, 39.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

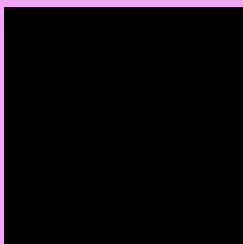
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4910, 19.1120, 39.1120

Background



This preview shows how black text looks on a background with the YIQ color 197.4910, 19.1120, 39.1120.



This preview shows how white text looks on a background with the YIQ color 197.4910, 19.1120, 39.1120.

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

197.4910, 19.1120, 39.1120

Protanopia

192.6260, -30.4010, 16.8230

Deuteranopia

193.5150, -16.9670, 15.6490



Tritanopia

195.3400, 28.8820, 16.2260

Trichromacy



Original Color

197.4910, 19.1120, 39.1120



Protanomaly

194.6500, -12.6130, 24.8510



Deuteranomaly

194.6140, -3.7640, 24.1720



Tritanomaly

196.0550, 25.6710, 24.8630

Monochromacy



Original Color

197.4910, 19.1120, 39.1120



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.2650, 7.1040, 14.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4910, 19.1120, 39.1120 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(240, 167, 243)` looks like.

```
.text, #text, p{  
    color:rgb(240, 167, 243)  
}
```

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(240, 167, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 167, 243) }
```

Border

The CSS property to change the border of an element to YIQ 197.4910, 19.1120, 39.1120 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(240, 167, 243) }
```


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

```
.border{ border-color:rgb(240, 167, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 167, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 167, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 167, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 167,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4910, 19.1120, 39.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 167, 243) }
```

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

```
.background{ background-color: rgb(240,  
167, 243) }
```

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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