

Converting Colors

YIQ(198.6310, 15.9020, 42.2220)

Have a look what the booklet for
YIQ(198.6310, 15.9020, 42.2220)
contains.

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Color

**YIQ(198.6310, 15.9020,
42.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A7FD
RGB	240, 167, 253
RGB Percent	94%, 65%, 99%
CMY	0.0586, 0.3452, 0.0078
CMYK	0.05, 0.34, 0.00, 0.01
HSL	291°, 96%, 82%
HSV	291°, 34%, 99%
XYZ	67.4975, 53.2535, 99.6492
YIQ	198.6310, 15.9020, 42.2220

Conversions

Conversions Part 2

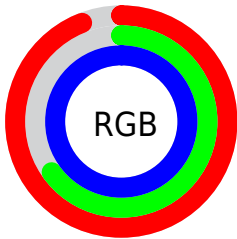
Format	Color
R _Y B	240, 167, 253
Decimal	15771645
CIE Lab	78.02, 40.81, -32.07
CIE LCh	78, 51.901, 321.840
Yxy	53.2535, 0.3062, 0.2416
Android (android.graphics.Color)	4293961725 (0xFFFF0A7FD)
YUV	198.6310, 26.8039, 36.2806
Hunter-Lab	72.9750, 37.3956, -29.8795

Details

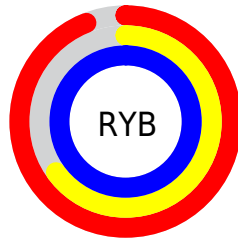
The YIQ color $198.6310, 15.9020, 42.2220$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $221.3690, -15.9020, -42.2220$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $143.9790, 14.8020, 40.1300$ is the 20% darker color. If you saturate the color by 10%, you get $182.7600, 20.3930, 54.4490$, and if you desaturate by 10%, it is $214.5020, 11.4110, 29.9950$.

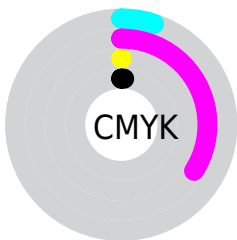
Distribution



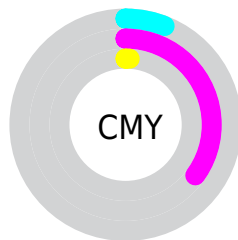
- Red (94%)
- Green (65%)
- Blue (99%)



- Red (94%)
- Yellow (65%)
- Blue (99%)



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





- Cyan (6%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.6310, 15.9020, 42.2220 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 198.6310, 15.9020, 42.2220 by changing the saturation by 10% instead.


 198.6310, 15.9020,
42.2220


 198.6310, 15.9020,
42.2220


255.0000, -0.0000,
-0.0000


 170.8050, 15.3520,
41.1760


 236.2160, 8.8000,
16.7360


 143.9790, 14.8020,
40.1300

 253.2390, 0.8250,
1.5690

 117.2670, 13.9310,
39.3950

 91.4410, 13.3810,
38.3490

 66.0280, 13.1060,
37.8260

 38.9680, 13.3350,
39.1830

 22.8870, 8.8890,

31.6490

■ 14.3990, 4.0310,
20.5670

■ 3.2090, -7.6580,
6.6300

■ 198.6310, 15.9020,
42.2220

■ 198.6310, 15.9020,
42.2220

■ 182.7600, 20.3930,
54.4490

■ 214.5020, 11.4110,
29.9950

■ 166.3020, 25.1590,
67.1990

■ 230.9600, 6.6450,
17.2450

■ 150.7300, 30.2460,
79.6380

■ 246.5320, 1.5580,
4.8060

■ 134.8590, 34.7370,
91.8650

■ 254.7720, 0.6420,
-0.6220

■ 118.4010, 39.5030,
104.6150

■ 102.5300, 43.9940,
116.8420

■ 93.1270, 46.9270,
124.2630

Harmonies

Analogous

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



190.2890, -27.8340, 19.8620



198.6310, 15.9020, 42.2220



190.3550, 42.8620, 38.2060

Triad

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



198.6310, 15.9020, 42.2220



190.0920, 57.4980, -17.8140



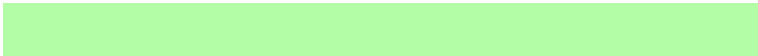
153.2570, -132.5420, -42.8940

Complementary

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



198.6310, 15.9020, 42.2220



221.3690, -15.9020, -42.2220

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.



159.9300, -92.3770, -49.4410



198.6310, 15.9020, 42.2220



185.3000, 24.0770, -34.3790

Square

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



198.6310, 15.9020, 42.2220



188.4270, 67.5810, 3.2050



177.9600, -22.0000, -41.8400



154.1010, -140.4300, -32.0940

Rectangle

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



198.6310, 15.9020, 42.2220



186.0060, 53.7300, 28.4660



177.9600, -22.0000, -41.8400



152.0200, -127.6810, -48.3930

Sweetspot

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



198.6310, 15.9020, 42.2220



239.1290, 4.4910, 12.2270



185.0220, -31.4560, 19.4240



117.7110, 2.6120, 7.7320



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.



198.6310, 15.9020, 42.2220



188.5810, 19.3390, 51.5230



199.2120, 32.9590, 35.9590



119.7710, 2.3830, 6.3750



70.2120, 35.2410, 93.7450



23.4420, 11.6400, 31.3520

Inverse Universe

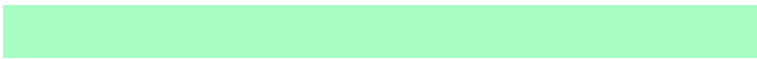
The Inverse Universe completely reimagines the original color for something new.



194.1960, 47.0830, 22.2750



183.2190, 57.4440, 27.2360



220.7880, -32.9590, -35.9590



119.1150, 7.1060, 3.3780



60.4150, 104.5270, 49.5110



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 198.6310, 15.9020, 42.2220 looks on a white background.

Color Contrast Check

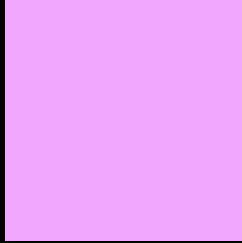
Large Text (above 18pt) WCAG AA × Fail

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 198.6310, 15.9020, 42.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

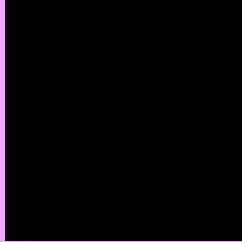
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6310, 15.9020, 42.2220

Background



This preview shows how black text looks on a background with the YIQ color 198.6310, 15.9020, 42.2220.



This preview shows how white text looks on a background with the YIQ color 198.6310, 15.9020,

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

198.6310, 15.9020, 42.2220

Protanopia

193.5120, -30.0800, 16.5120

Deuteranopia

194.6330, -23.1110, 16.8650



Tritanopia

196.4430, 27.0940, 15.5900

Trichromacy



Original Color

198.6310, 15.9020, 42.2220



Protanomaly

195.2910, -12.9800, 25.9960



Deuteranomaly

196.3300, -8.7160, 25.8120



Tritanomaly

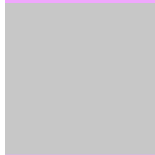
197.5000, 22.9200, 25.1600

Monochromacy



Original Color

198.6310, 15.9020, 42.2220



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.7210, 5.8200, 15.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6310, 15.9020, 42.2220 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 167, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 167, 253) }
```

Border

The CSS property to change the border of an element to YIQ 198.6310, 15.9020, 42.2220 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, 253) }
```


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

```
.border{ border-color:rgb(240, 167, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 167, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 167, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 167,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6310, 15.9020, 42.2220 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, 253) }
```

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

```
.background{ background-color: rgb(240,  
167, 253) }
```

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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