

Converting Colors

YUV(194.1980, 23.5664,
48.0614)

Have a look what the booklet for
YUV(194.1980, 23.5664, 48.0614)
contains.

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Color

**YUV(194.1980, 23.5664,
48.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	F99DF2
RGB	249, 157, 242
RGB Percent	98%, 62%, 95%
CMY	0.0235, 0.3843, 0.0510
CMYK	0.00, 0.37, 0.03, 0.02
HSL	305°, 88%, 80%
HSV	305°, 37%, 98%
XYZ	67.1509, 50.6645, 90.2444
YIQ	194.1980, 27.5470, 45.9390

Conversions

Conversions Part 2

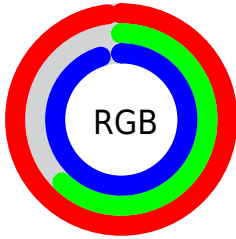
Format	Color
RYB	249, 157, 242
Decimal	16358898
CIELab	76.48, 46.72, -28.43
CIELCh	76, 54.690, 328.683
Yxy	50.6645, 0.3227, 0.2435
Android (android.graphics.Color)	4294548978 (0xFFFF99DF2)
YUV	194.1980, 23.5664, 48.0614
Hunter-Lab	71.1790, 43.8353, -25.3456

Details

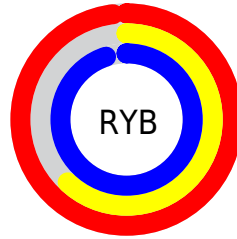
The YUV color **194.1980, 23.5664, 48.0614** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **211.8020, -23.5664, -48.0614**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **138.7740, 23.2824, 45.8022** is the 20% darker color. If you saturate the color by 10%, you get **179.2950, 29.9276, 61.1313**, and if you desaturate by 10%, it is **209.1010, 17.2052, 34.9914**.

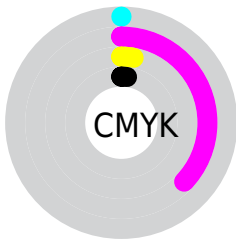
Distribution



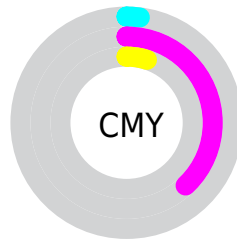
- Red (98%)
- Green (62%)
- Blue (95%)



- Red (98%)
- Yellow (62%)
- Blue (95%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.1980, 23.5664, 48.0614 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 YUV color 194.1980, 23.5664, 48.0614 by changing the saturation by 10% instead.

 194.1980, 23.5664,
48.0614

 194.1980, 23.5664,
48.0614


255.0000, 0.0000,
0.0000


 166.3720, 22.9876,
47.0318


 230.3460, 12.1544,
21.6216


 138.7740, 23.2824,
45.8022

 247.3690, 3.7621,
6.6924

 112.0620, 23.1404,
44.6726

 85.6490, 22.8510,
44.1578

 58.2900, 24.0140,
44.4727

 34.1650, 23.5827,
42.8283

 23.7690, 17.3689,

29.1436

■ 14.6830, 11.0023,
17.8180

■ 1.3680, 5.2416,
-1.1997

■ 194.1980, 23.5664,
48.0614

■ 194.1980, 23.5664,
48.0614

■ 179.2950, 29.9276,
61.1313

■ 209.1010, 17.2052,
34.9914

■ 164.3920, 36.2887,
74.2012

■ 224.0040, 10.8440,
21.9215

■ 149.4890, 42.6499,
87.2711

■ 238.9070, 4.4828,
8.8516

■ 134.5860, 49.0111,
100.3411

■ 252.6360, -1.2995,
-3.1888

■ 120.3840, 55.5197,
112.7962

■ 252.7500, -0.8628,
-3.2887

■ 105.4810, 61.8809,
125.8662

■ 252.9780, 0.0108,
-3.4887

■ 100.6710, 63.7592,
130.0845

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



188.5940, 32.7382, -0.5209



194.1980, 23.5664, 48.0614



183.9490, 4.4621, 62.3117

Triad

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



194.1980, 23.5664, 48.0614



183.9510, -49.2758, 31.6150



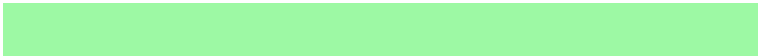
152.5220, 41.1547, -133.7618

Complementary

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



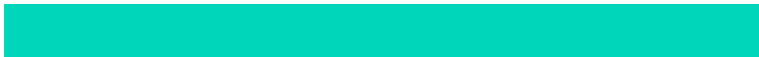
194.1980, 23.5664, 48.0614



211.8020, -23.5664, -48.0614

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.



146.7080, 18.8780, -128.6629



194.1980, 23.5664, 48.0614



178.8750, -40.8574, -8.6604

Square

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



194.1980, 23.5664, 48.0614



186.0160, -40.9269, 60.4990



169.9410, -17.7189, -56.9533



150.5790, 51.4796, -132.0578

Rectangle

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



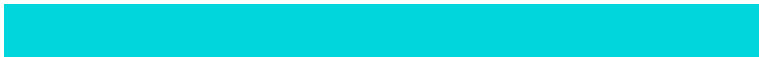
194.1980, 23.5664, 48.0614



180.6600, -10.6784, 65.1962



169.9410, -17.7189, -56.9533



150.5840, 33.7291, -132.0622

Sweetspot

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



194.1980, 23.5664, 48.0614



238.3360, 7.2294, 14.6143



169.2820, 39.3010, -5.5093



117.7930, 4.0461, 8.9515



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.



194.1980, 23.5664, 48.0614



188.2300, 28.4806, 58.5573



189.0680, 3.9105, 52.5604



117.2550, 3.3253, 6.7924



76.3470, 48.1429, 98.7967



24.7370, 15.9057, 31.8027

Inverse Universe

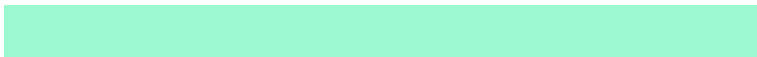
The Inverse Universe completely reimagines the original color for something new.



194.1980, 23.5664, 48.0614



188.2300, 28.4806, 58.5573



216.9320, -3.9105, -52.5604



117.2550, 3.3253, 6.7924



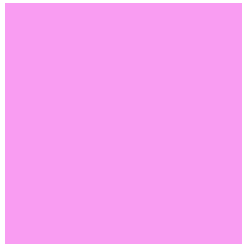
76.3470, 48.1429, 98.7967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 194.1980, 23.5664, 48.0614 looks on a white background.

Color Contrast Check

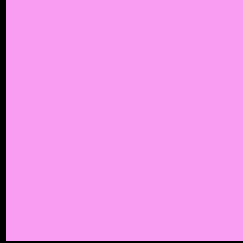
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 194.1980, 23.5664, 48.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

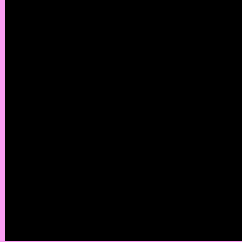
Any Text WCAG AA ✓ Pass

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](#).

YUV 194.1980, 23.5664, 48.0614 Background



This preview shows how black text looks on a background with the YUV color 194.1980, 23.5664, 48.0614.



This preview shows how white text looks on a background with the YUV color 194.1980, 23.5664,

48.0614.

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

194.1980, 23.5664, 48.0614

Protanopia

189.3700, 32.3556, -17.8645

Deuteranopia

190.3300, 23.0083, -6.4284



Tritanopia

192.0100, -4.9349, 42.9642

Trichromacy



Original Color

194.1980, 23.5664, 48.0614



Protanomaly

191.0140, 29.0801, 6.1267



Deuteranomaly

191.8640, 23.2380, 13.2743



Tritanomaly

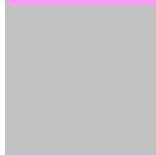
193.0670, 5.3900, 44.6682

Monochromacy



Original Color

194.1980, 23.5664, 48.0614



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.2870, 8.2395, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.1980, 23.5664, 48.0614 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(249, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 242)  
}
```

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(249, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 242) }
```

Border

The CSS property to change the border of an element to YUV 194.1980, 23.5664, 48.0614 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(249, 157, 242) }
```


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

```
.border{ border-color:rgb(249, 157, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 157, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 194.1980, 23.5664, 48.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 242) }
```

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

```
.background{ background-color: rgb(249,  
157, 242) }
```

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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