

Converting Colors

YUV(198.0230, 25.6247,
41.1988)

Have a look what the booklet for
YUV(198.0230, 25.6247, 41.1988)
contains.

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Color

**YUV(198.0230, 25.6247,
41.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A4FA
RGB	245, 164, 250
RGB Percent	96%, 64%, 98%
CMY	0.0392, 0.3569, 0.0196
CMYK	0.02, 0.34, 0.00, 0.02
HSL	297°, 90%, 81%
HSV	297°, 34%, 98%
XYZ	68.1870, 52.8655, 97.0527
YIQ	198.0230, 20.6700, 43.9180

Conversions

Conversions Part 2

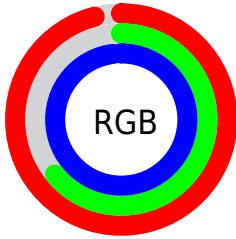
Format	Color
R _Y B	245, 164, 250
Decimal	16098554
CIE Lab	77.80, 43.31, -30.76
CIE LCh	78, 53.122, 324.616
Yxy	52.8655, 0.3126, 0.2424
Android (android.graphics.Color)	4294288634 (0xFFF5A4FA)
YUV	198.0230, 25.6247, 41.1988
Hunter-Lab	72.7087, 40.1590, -28.2452

Details

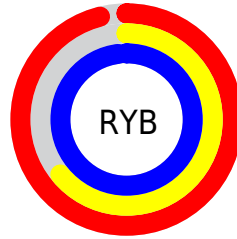
The YUV color **198.0230, 25.6247, 41.1988** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.9770, -25.6247, -41.1988**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **143.0720, 24.6145, 38.5249** is the 20% darker color. If you saturate the color by 10%, you get **183.0490, 33.0068, 53.4540**, and if you desaturate by 10%, it is **212.9970, 18.2425, 28.9436**.

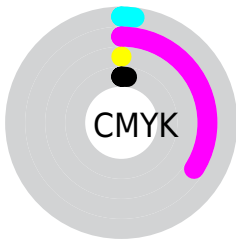
Distribution



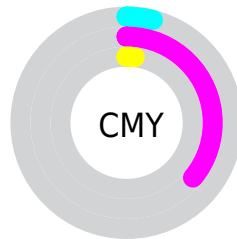
- Red (96%)
- Green (64%)
- Blue (98%)



- Red (96%)
- Yellow (64%)
- Blue (98%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.0230, 25.6247, 41.1988 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 198.0230, 25.6247, 41.1988 by changing the saturation by 10% instead.


 198.0230, 25.6247,
41.1988


 198.0230, 25.6247,
41.1988


255.0000, 0.0000,
0.0000

 170.1970, 25.0459,
40.1692


 234.4550, 10.1287,
18.0180

 143.0720, 24.6145,
38.5249

 251.4780, 1.7363,
3.0888

 116.6590, 24.3251,
38.0101

 89.9470, 24.1831,
36.8805

 64.6480, 24.3305,
36.2657

 35.2400, 26.5037,
39.2545

 23.8550, 20.2845,

27.3142

■ 15.0680, 13.7705,
16.6034

■ 2.8670, 8.4466,
-2.5144

■ 198.0230, 25.6247,
41.1988

■ 198.0230, 25.6247,
41.1988

■ 183.0490, 33.0068,
53.4540

■ 212.9970, 18.2425,
28.9436

■ 167.7760, 40.5364,
65.0944

■ 228.2700, 10.7129,
17.3032

■ 152.8020, 47.9186,
77.3496

■ 243.2440, 3.3307,
5.0480

■ 137.5290, 55.4482,
88.9901

■ 253.2340, -1.5944,
-1.9592

■ 122.5550, 62.8304,
101.2453

■ 253.5330, -1.7418,
-1.3444

■ 107.2820, 70.3600,
112.8857

■ 254.1310, -2.0366,
-0.1149

■ 98.7650, 74.5589,
119.4781

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



190.9090, 31.5969, -7.8132



198.0230, 25.6247, 41.1988



188.6110, 7.0938, 58.2232

Triad

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



198.0230, 25.6247, 41.1988



188.4400, -47.5449, 36.4481



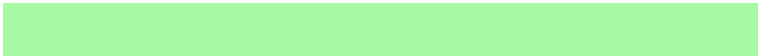
153.8270, 38.5393, -134.9063

Complementary

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



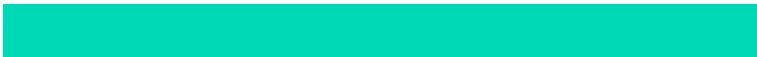
198.0230, 25.6247, 41.1988



215.9770, -25.6247, -41.1988

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.



148.0130, 16.2626, -129.8074



198.0230, 25.6247, 41.1988



183.9790, -41.8946, -2.6126

Square

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



198.0230, 25.6247, 41.1988



188.3300, -37.1377, 58.4696



176.0840, -21.2404, -47.4317



153.5140, 50.0326, -134.6318

Rectangle

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



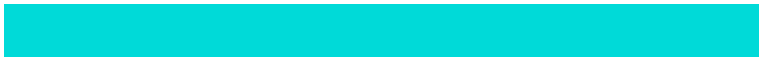
198.0230, 25.6247, 41.1988



184.8490, -7.3206, 61.5224



176.0840, -21.2404, -47.4317



152.5900, 31.2611, -133.8214

Sweetspot

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



198.0230, 25.6247, 41.1988



240.0260, 7.3822, 12.2552



177.3260, 35.8283, -11.6869



118.3090, 4.7777, 7.6220



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.



198.0230, 25.6247, 41.1988



191.5710, 31.2705, 50.3652



195.3000, 8.7261, 47.9719



117.0700, 3.9095, 6.0776



74.7680, 56.3164, 90.5345



24.2960, 18.0951, 29.5584

Inverse Universe

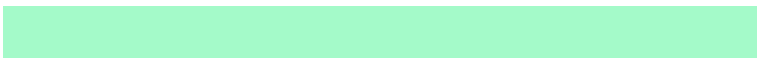
The Inverse Universe completely reimagines the original color for something new.



190.2840, -10.4930, 52.3709



182.1930, -12.4201, 63.8517



218.7000, -8.7261, -47.9719



116.0010, -1.4795, 7.8921



57.7650, -23.0551, 115.0931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 198.0230, 25.6247, 41.1988 looks on a white background.

Color Contrast Check

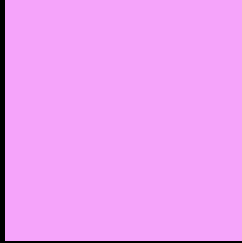
Large Text (above 18pt) WCAG AA × Fail

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 198.0230, 25.6247, 41.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

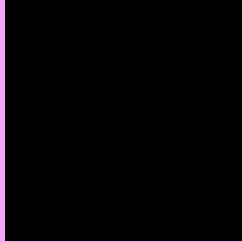
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0230, 25.6247, 41.1988

Background



This preview shows how black text looks on a background with the YUV color 198.0230, 25.6247, 41.1988.



This preview shows how white text looks on a background with the YUV color 198.0230, 25.6247,

41.1988.

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

198.0230, 25.6247, 41.1988

Protanopia

193.2130, 30.4610, -16.8498

Deuteranopia

193.8890, 25.1977, -8.6727



Tritanopia

195.8350, -2.8767, 36.1017

Trichromacy



Original Color

198.0230, 25.6247, 41.1988



Protanomaly

194.8890, 28.6487, 4.4823



Deuteranomaly

195.4120, 25.4329, 9.2857



Tritanomaly

196.8920, 7.4482, 37.8057

Monochromacy



Original Color

198.0230, 25.6247, 41.1988



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0230, 25.6247, 41.1988 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(245, 164, 250)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 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(245, 164, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 250) }
```

Border

The CSS property to change the border of an element to YUV 198.0230, 25.6247, 41.1988 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(245, 164, 250) }
```


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

```
.border{ border-color:rgb(245, 164, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 198.0230, 25.6247, 41.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 250) }
```

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

```
.background{ background-color: rgb(245,  
164, 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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