

Converting Colors

YUV(198.0850, 18.1991,
42.8985)

Have a look what the booklet for
YUV(198.0850, 18.1991, 42.8985)
contains.

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Color

**YUV(198.0850, 18.1991,
42.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A6EB
RGB	247, 166, 235
RGB Percent	97%, 65%, 92%
CMY	0.0314, 0.3490, 0.0784
CMYK	0.00, 0.33, 0.05, 0.03
HSL	309°, 84%, 81%
HSV	309°, 33%, 97%
XYZ	66.9894, 53.0448, 85.3052
YIQ	198.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

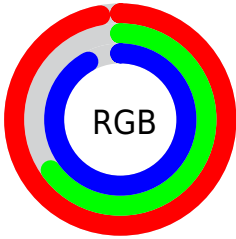
Format	Color
R _Y B	247, 166, 235
Decimal	16230123
CIE Lab	77.90, 40.22, -22.48
CIE LCh	78, 46.072, 330.801
Yxy	53.0448, 0.3262, 0.2583
Android (android.graphics.Color)	4294420203 (0xFFFF7A6EB)
YUV	198.0850, 18.1991, 42.8985
Hunter-Lab	72.8318, 36.7253, -18.4619

Details

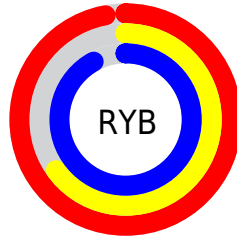
The YUV color $198.0850, 18.1991, 42.8985$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $214.9150, -18.1991, -42.8985$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.6290, 9.5499, 16.9884$, and $143.2480, 17.6257, 40.1245$ is the 20% darker color. If you saturate the color by 10%, you get $182.9540, 23.6867, 56.1683$, and if you desaturate by 10%, it is $213.2160, 12.7115, 29.6286$.

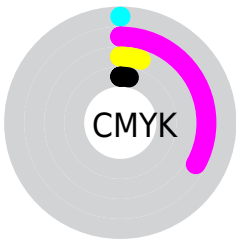
Distribution



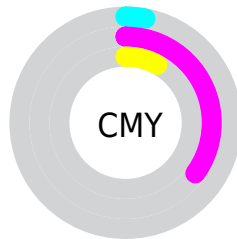
- Red (97%)
- Green (65%)
- Blue (92%)



- Red (97%)
- Yellow (65%)
- Blue (92%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.0850, 18.1991, 42.8985 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 198.0850, 18.1991, 42.8985 by changing the saturation by 10% instead.


 198.0850, 18.1991,
42.8985

 198.0850, 18.1991,
42.8985


255.0000, 0.0000,
0.0000


 170.3730, 18.0571,
41.7689


 235.6290, 9.5499,
16.9884


 143.2480, 17.6257,
40.1245

 252.6520, 1.1576,
2.0592

 116.8350, 17.3363,
39.6097

 91.1230, 17.1944,
38.4801

 64.9380, 17.7786,
37.7654

 37.4050, 19.5203,
39.1098

 23.1990, 15.1849,

29.6435

■ 14.5260, 9.1077,
18.8327

■ 0.4560, 1.7472,
-0.3999

■ 198.0850, 18.1991,
42.8985

■ 198.0850, 18.1991,
42.8985

■ 182.9540, 23.6867,
56.1683

■ 213.2160, 12.7115,
29.6286

■ 168.5240, 29.3217,
68.8235

■ 227.6460, 7.0765,
16.9735

■ 153.3930, 34.8093,
82.0933

■ 242.7770, 1.5889,
3.7036

■ 138.2620, 40.2968,
95.3632

■ 252.0380, -1.0047,
-4.4183

■ 123.8320, 45.9318,
108.0183

■ 252.3800, 0.3057,
-4.7183

■ 108.7010, 51.4194,
121.2882

■ 252.6080, 1.1793,
-4.9182

■ 97.7930, 55.3181,
130.8545

Harmonies

Analogous

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



194.5190, 29.8171, 3.0528



198.0850, 18.1991, 42.8985



190.9930, 0.9895, 56.1341

Triad

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



198.0850, 18.1991, 42.8985



189.0950, -40.9658, 26.2267



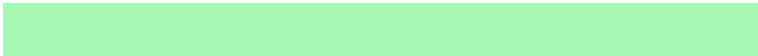
152.4080, 40.7179, -133.6618

Complementary

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



198.0850, 18.1991, 42.8985



214.9150, -18.1991, -42.8985

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.



162.7440, 14.4232, -99.7535



198.0850, 18.1991, 42.8985



184.5250, -33.2898, -9.2304

Square

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



198.0850, 18.1991, 42.8985



191.9380, -35.9584, 53.5514



177.3210, -13.9623, -48.5165



152.0630, 50.7479, -130.7283

Rectangle

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



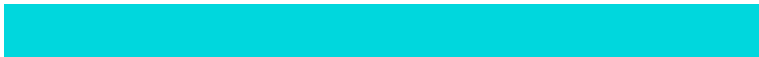
198.0850, 18.1991, 42.8985



188.8610, -12.2565, 58.0039



177.3210, -13.9623, -48.5165



151.3990, 34.3133, -132.7769

Sweetspot

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



198.0850, 18.1991, 42.8985



239.8690, 5.4876, 13.2699



178.5230, 33.7592, -1.3357



118.2660, 3.3199, 8.5367



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.



198.0850, 18.1991, 42.8985



195.1770, 22.0977, 52.4648



193.6390, 1.1640, 46.7976



114.8420, 3.0359, 6.2776



73.7400, 42.0332, 98.4520



23.3410, 13.1429, 31.2729

Inverse Universe

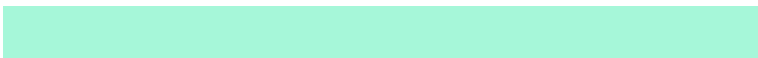
The Inverse Universe completely reimagines the original color for something new.



198.0850, 18.1991, 42.8985



195.1770, 22.0977, 52.4648



219.3610, -1.1640, -46.7976



114.8420, 3.0359, 6.2776



73.7400, 42.0332, 98.4520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 198.0850, 18.1991, 42.8985 looks on a white background.

Color Contrast Check

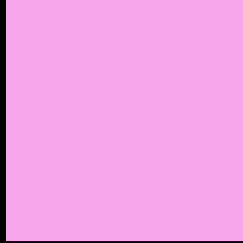
Large Text (above 18pt) WCAG AA × Fail

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 198.0850, 18.1991, 42.8985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

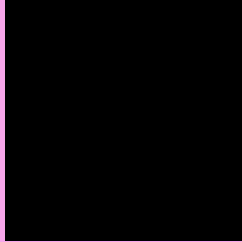
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0850, 18.1991, 42.8985

Background



This preview shows how black text looks on a background with the YUV color 198.0850, 18.1991, 42.8985.



This preview shows how white text looks on a background with the YUV color 198.0850, 18.1991,

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

198.0850, 18.1991, 42.8985

Protanopia

193.5830, 29.2926, -15.4203

Deuteranopia

194.9840, 17.7559, -1.7400



Tritanopia

196.2160, -4.0505, 39.2756

Trichromacy



Original Color

198.0850, 18.1991, 42.8985



Protanomaly

195.2760, 25.0069, 5.8969



Deuteranomaly

196.3820, 17.5597, 14.5740



Tritanomaly

196.9910, 3.9484, 40.3499

Monochromacy



Original Color

198.0850, 18.1991, 42.8985



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8200, 6.4977, 15.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0850, 18.1991, 42.8985 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(247, 166, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 166, 235)  
}
```

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(247, 166, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 166, 235) }
```

Border

The CSS property to change the border of an element to YUV 198.0850, 18.1991, 42.8985 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(247, 166, 235) }
```


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

```
.border{ border-color:rgb(247, 166, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 166, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 166, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 166, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 166,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 198.0850, 18.1991, 42.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 166, 235) }
```

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

```
.background{ background-color: rgb(247,  
166, 235) }
```

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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