

Converting Colors

YUV(198.7680, 22.2994,
34.4065)

Have a look what the booklet for
YUV(198.7680, 22.2994, 34.4065)
contains.

| | |
|--|----|
| YUV(198.7680, 22.2994, 34.4065) | 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

**YUV(198.7680, 22.2994,
34.4065)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAAAF4 |
| RGB | 238, 170, 244 |
| RGB Percent | 93%, 67%, 96% |
| CMY | 0.0667, 0.3333, 0.0431 |
| CMYK | 0.02, 0.30, 0.00, 0.04 |
| HSL | 295°, 77%, 81% |
| HSV | 295°, 30%, 96% |
| XYZ | 65.9638, 53.4582, 92.4298 |
| YIQ | 198.7680, 16.7740, 37.4300 |

Conversions

Conversions Part 2

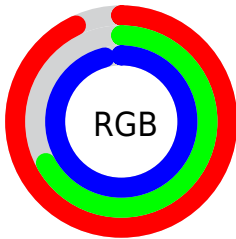
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 170, 244 |
| Decimal | 15641332 |
| CIE Lab | 78.14, 36.89, -27.05 |
| CIE LCh | 78, 45.743, 323.743 |
| Yxy | 53.4582, 0.3114, 0.2523 |
| Android (android.graphics.Color) | 4293831412 (0xFFEEAAF4) |
| YUV | 198.7680, 22.2994, 34.4065 |
| Hunter-Lab | 73.1151, 33.0894, -23.7719 |

Details

The YUV color **198.7680, 22.2994, 34.4065** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **215.2320, -22.2994, -34.4065**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **144.2300, 21.5786, 32.2473** is the 20% darker color. If you saturate the color by 10%, you get **184.0820, 29.5396, 45.5321**, and if you desaturate by 10%, it is **213.4540, 15.0592, 23.2808**.

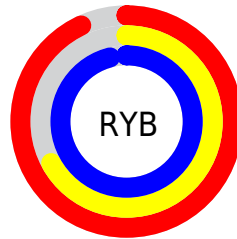
Distribution



Red (93%)

Green (67%)

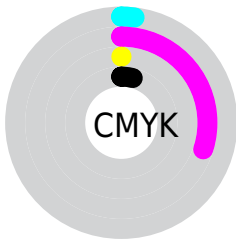
Blue (96%)



Red (93%)

Yellow (67%)

Blue (96%)

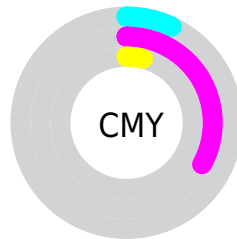


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (7%)


Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.7680, 22.2994, 34.4065 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 198.7680, 22.2994, 34.4065 by changing the saturation by 10% instead.


 198.7680, 22.2994,
34.4065


 198.7680, 22.2994,
34.4065


255.0000, 0.0000,
0.0000


 170.9420, 21.7206,
33.3769


 237.9770, 8.3923,
14.9292

 144.2300, 21.5786,
32.2473

 117.7030, 20.8524,
31.8325

 91.9910, 20.7104,
30.7029

 67.2790, 20.5685,
29.5733

 42.2790, 20.5685,
29.5733

 22.2030, 19.1269,

25.2550

■ 13.7150, 12.4655,
15.1589

■ 2.2970, 6.2626,
-2.0145

■ 198.7680, 22.2994,
34.4065

■ 198.7680, 22.2994,
34.4065

■ 184.0820, 29.5396,
45.5321

■ 213.4540, 15.0592,
23.2808

■ 168.8090, 37.0692,
57.1725

■ 228.7270, 7.5296,
11.6404

■ 154.1230, 44.3094,
68.2981

■ 243.4130, 0.2894,
0.5148

■ 138.8500, 51.8390,
79.9386

■ 251.0550, -3.4781,
-4.4332

124.1640, 59.0791,
91.0642

251.6530, -3.7729,
-3.2037

109.4780, 66.3193,
102.1898

252.2510, -4.0677,
-1.9741

94.7920, 73.5595,
113.3154

252.8490, -4.3626,
-0.7446

253.4470, -4.6574,
0.4850

253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



193.2680, 30.4339, -8.1280



198.7680, 22.2994, 34.4065



193.4210, 5.2154, 54.0048

Triad

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



198.7680, 22.2994, 34.4065



190.8400, -40.8401, 32.5893



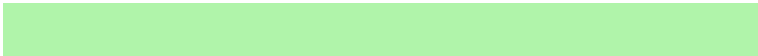
151.9690, 36.4973, -133.2768

Complementary

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



198.7680, 22.2994, 34.4065



215.2320, -22.2994, -34.4065

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.



168.8940, 6.9543, -84.0990



198.7680, 22.2994, 34.4065



186.5970, -35.7903, -0.5236

Square

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



198.7680, 22.2994, 34.4065



192.1600, -32.6169, 55.1107



180.0080, -19.2309, -38.5950



152.3400, 50.6114, -133.6022

Rectangle

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



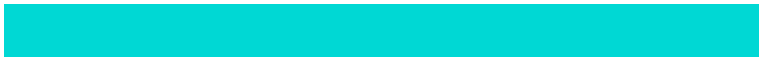
198.7680, 22.2994, 34.4065



190.1150, -7.4517, 56.9041



180.0080, -19.2309, -38.5950



150.9600, 30.0927, -132.3919

Sweetspot

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



198.7680, 22.2994, 34.4065



240.9010, 6.9508, 10.6108



181.9580, 30.5867, -10.4872



118.5970, 4.6357, 6.4924



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.



198.7680, 22.2994, 34.4065



198.9030, 27.6558, 43.0581



197.0280, 7.8742, 41.1944



114.6570, 3.6201, 5.5628



72.3330, 56.0378, 86.5310



22.8720, 17.8111, 27.2993

Inverse Universe

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



192.8100, -8.2873, 44.8936



191.4200, -10.0671, 55.7597



216.9720, -7.8742, -41.1944



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 198.7680, 22.2994, 34.4065 looks on a white background.

Color Contrast Check

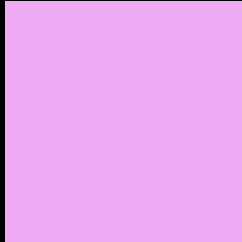
Large Text (above 18pt) WCAG AA × Fail

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 198.7680, 22.2994, 34.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

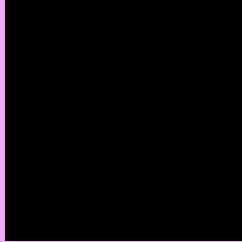
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.7680, 22.2994, 34.4065

Background



This preview shows how black text looks on a background with the YUV color 198.7680, 22.2994, 34.4065.



This preview shows how white text looks on a background with the YUV color 198.7680, 22.2994,

34.4065.

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

198.7680, 22.2994, 34.4065

Protanopia

193.8110, 30.1662, -15.6202

Deuteranopia

195.4010, 21.9873, -5.6137



Tritanopia

196.8450, -1.4026, 29.9539

Trichromacy



Original Color

198.7680, 22.2994, 34.4065



Protanomaly

195.5360, 27.3438, 3.0379



Deuteranomaly

196.7880, 21.7965, 8.9559



Tritanomaly

197.4460, 7.1751, 32.0579

Monochromacy



Original Color

198.7680, 22.2994, 34.4065



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.5530, 8.1084, 12.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7680, 22.2994, 34.4065 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(238, 170, 244)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 244)  
}
```

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(238, 170, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 244) }
```

Border

The CSS property to change the border of an element to YUV 198.7680, 22.2994, 34.4065 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(238, 170, 244) }
```


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

```
.border{ border-color:rgb(238, 170, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 244);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 198.7680, 22.2994, 34.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 244) }
```

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

```
.background{ background-color: rgb(238,  
170, 244) }
```

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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