

Converting Colors

YUV(196.0390, 4.4178, 29.7838)

Have a look what the booklet for
YUV(196.0390, 4.4178, 29.7838)
contains.

| | |
|--|----|
| YUV(196.0390, 4.4178, 29.7838) | 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(196.0390, 4.4178,
29.7838)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E6B1CD |
| RGB | 230, 177, 205 |
| RGB Percent | 90%, 69%, 80% |
| CMY | 0.0980, 0.3059, 0.1961 |
| CMYK | 0.00, 0.23, 0.11, 0.10 |
| HSL | 328°, 51%, 80% |
| HSV | 328°, 23%, 90% |
| XYZ | 59.3747, 52.6751, 64.7955 |
| YIQ | 196.0390, 22.6000, 19.9440 |

Conversions

Conversions Part 2

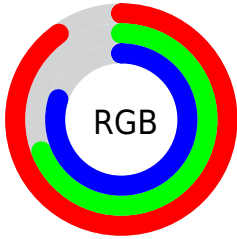
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 230, 177, 205 |
| Decimal | 15118797 |
| CIE Lab | 77.68, 23.62, -6.70 |
| CIE LCh | 78, 24.551, 344.155 |
| Yxy | 52.6751, 0.3357, 0.2979 |
| Android (android.graphics.Color) | 4293308877 (0xFFE6B1CD) |
| YUV | 196.0390, 4.4178, 29.7838 |
| Hunter-Lab | 72.5776, 19.0176, -2.1284 |

Details

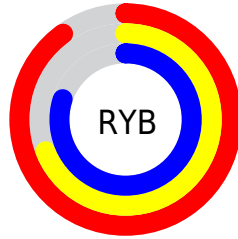
The YUV color **196.0390, 4.4178, 29.7838** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210.9610, -4.4178, -29.7838**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **142.0280, 4.4232, 28.0394** is the 20% darker color. If you saturate the color by 10%, you get **181.2840, 6.2690, 42.7239**, and if you desaturate by 10%, it is **210.7940, 2.5666, 16.8437**.

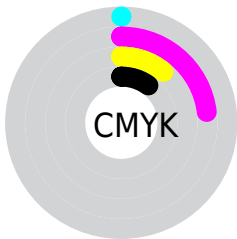
Distribution



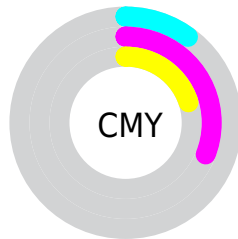
- Red (90%)
- Green (69%)
- Blue (80%)



- Red (90%)
- Yellow (69%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0390, 4.4178, 29.7838 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 196.0390, 4.4178, 29.7838 by changing the saturation by 10% instead.


 196.0390, 4.4178,
29.7838


 196.0390, 4.4178,
29.7838


255.0000, 0.0000,
0.0000

 168.7400, 4.5652,
29.1690


 242.0860, 6.3666,
11.3256

 142.0280, 4.4232,
28.0394

 116.3160, 4.2812,
26.9099

 91.0170, 4.4286,
26.2951

 67.0060, 4.4340,
24.5507

 44.2940, 4.2921,
23.4212

 21.2230, 5.3131,

22.6064

■ 8.2730, -0.6276,
14.6696

■ 0.0000, 0.0000,
0.0000

■ 196.0390, 4.4178,
29.7838

■ 196.0390, 4.4178,
29.7838

■ 181.2840, 6.2690,
42.7239

■ 210.7940, 2.5666,
16.8437

■ 166.5290, 8.1202,
55.6641

■ 225.5490, 0.7153,
3.9035

■ 151.7740, 9.9714,
68.6042

■ 240.3040, -1.1359,
-9.0366

■ 137.1330, 12.2594,
81.4444

■ 246.7270, 0.6276,
-14.6696

■ 122.3780, 14.1106,
94.3845

■ 247.5250, 3.6852,
-15.3694

■ 107.6230, 15.9619,
107.3246

■ 92.8680, 17.8131,
120.2648

■ 82.6780, 19.3857,
129.2014

Harmonies

Analogous

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



195.5620, 14.5129, 11.7851



196.0390, 4.4178, 29.7838



195.5210, -6.6659, 38.1311

Triad

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



196.0390, 4.4178, 29.7838



189.9520, -20.6823, 7.0581



183.4530, 19.4967, -46.8783

Complementary

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



196.0390, 4.4178, 29.7838



210.9610, -4.4178, -29.7838

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.



182.2330, 9.7451, -45.8083



196.0390, 4.4178, 29.7838



186.9540, -13.7813, -13.1147

Square

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



196.0390, 4.4178, 29.7838



191.9480, -21.1734, 24.6016



184.1070, -2.5178, -32.5428



187.5670, 23.3845, -33.8233

Rectangle

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



196.0390, 4.4178, 29.7838



194.6860, -13.6492, 37.9864



184.1070, -2.5178, -32.5428



182.7580, 16.8813, -48.0228

Sweetspot

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



196.0390, 4.4178, 29.7838



243.5220, 1.7147, 10.0662



190.5170, 19.4651, 10.0706



120.9730, 0.9993, 6.1627



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.



196.0390, 4.4178, 29.7838



209.4470, 5.6956, 39.9500



193.0750, -6.9390, 32.3832



107.2720, 0.8519, 6.7775



64.2370, 14.6732, 100.6472



18.3270, 4.2758, 28.6542

Inverse Universe

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



196.0390, 4.4178, 29.7838



209.4470, 5.6956, 39.9500



213.9250, 6.9390, -32.3832



107.2720, 0.8519, 6.7775



64.2370, 14.6732, 100.6472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 196.0390, 4.4178, 29.7838 looks on a white background.

Color Contrast Check

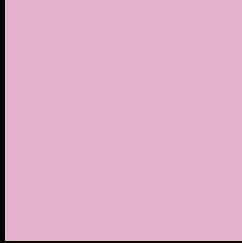
Large Text (above 18pt) WCAG AA × Fail

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 196.0390, 4.4178, 29.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

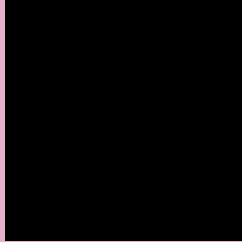
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.0390, 4.4178, 29.7838

Background



This preview shows how black text looks on a background with the YUV color 196.0390, 4.4178, 29.7838.



This preview shows how white text looks on a background with the YUV color 196.0390, 4.4178,

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

196.0390, 4.4178, 29.7838

Protanopia

193.0240, 10.3412, -3.5290

Deuteranopia

194.5050, 4.1880, 10.0811



Tritanopia

195.2470, -1.1078, 28.7244

Trichromacy



Original Color

196.0390, 4.4178, 29.7838

Protanomaly

194.2320, 8.2666, 8.5665

Deuteranomaly

194.9620, 4.4557, 17.5733

Tritanomaly

195.4150, 0.7814, 29.4540

Monochromacy



Original Color

196.0390, 4.4178, 29.7838

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8210, 1.5672, 10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0390, 4.4178, 29.7838 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(230, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 205)  
}
```

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(230, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 205) }
```

Border

The CSS property to change the border of an element to YUV 196.0390, 4.4178, 29.7838 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(230, 177, 205) }
```


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

```
.border{ border-color:rgb(230, 177, 205) }
```

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

Here you see how a box with a 4 pixel rgb(230, 177, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 196.0390, 4.4178, 29.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 177, 205) }
```

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

```
.background{ background-color: rgb(230,  
177, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor