

Converting Colors

YUV(216.5270, 4.1772, 13.5698)

Have a look what the booklet for
YUV(216.5270, 4.1772, 13.5698)
contains.

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Color

**YUV(216.5270, 4.1772,
13.5698)**

Conversions

Conversions Part 1	
Format	Color
Hex	E8CFE1
RGB	232, 207, 225
RGB Percent	91%, 81%, 88%
CMY	0.0902, 0.1882, 0.1176
CMYK	0.00, 0.11, 0.03, 0.09
HSL	317°, 35%, 86%
HSV	317°, 11%, 91%
XYZ	69.1821, 67.2177, 80.5622
YIQ	216.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

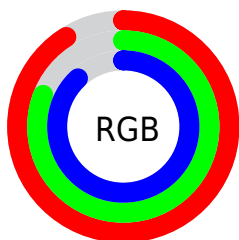
Format	Color
RYB	232, 207, 225
Decimal	15257569
CIELab	85.61, 11.78, -5.70
CIELCh	86, 13.083, 334.189
Yxy	67.2177, 0.3189, 0.3098
Android (android.graphics.Color)	4293447649 (0xFFE8CFE1)
YUV	216.5270, 4.1772, 13.5698
Hunter-Lab	81.9864, 7.1465, -0.8696

Details

The YUV color **216.5270, 4.1772, 13.5698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222.4730, -4.1772, -13.5698**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **161.8150, 4.0352, 12.4402** is the 20% darker color. If you saturate the color by 10%, you get **202.3420, 8.2124, 26.0101**, and if you desaturate by 10%, it is **230.7120, 0.1420, 1.1296**.

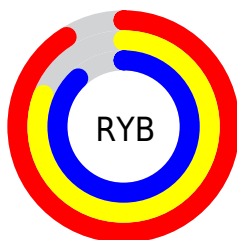
Distribution



Red (91%)

Green (81%)

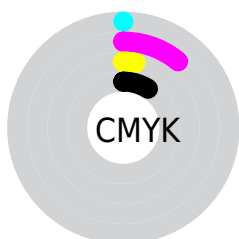
Blue (88%)



Red (91%)

Yellow (81%)

Blue (88%)

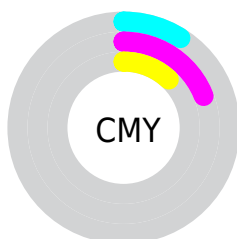


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (19%)


Yellow (12%)

Brightness & Saturation

Gradients

These gradients show how the YUV color 216.5270, 4.1772, 13.5698 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 216.5270, 4.1772, 13.5698 by changing the saturation by 10% instead.


 216.5270, 4.1772,
13.5698


 216.5270, 4.1772,
13.5698


255.0000, 0.0000,
0.0000

 188.5270, 4.1772,
13.5698

 161.8150, 4.0352,
12.4402

 135.7010, 3.5984,
12.5402


 110.4020, 3.7458,
11.9254


 85.9890, 3.4564,
11.4106


 62.5760, 3.1670,
10.8958

 40.2770, 3.3144,

10.2811


 19.2770, 3.3144,
10.2811


 0.0000, 0.0000,
0.0000


 216.5270, 4.1772,
13.5698


 216.5270, 4.1772,
13.5698


 202.3420, 8.2124,
26.0101


 230.7120, 0.1420,
1.1296

 188.0430, 11.8108,
38.5503

 245.0110, -3.4564,
-11.4106

 173.2710, 16.1354,
51.5053

 246.8690, -1.4144,
-13.0401

 158.9720, 19.7338,
64.0456

 247.6670, 1.6432,
-13.7400

■ 144.7870, 23.7690,
76.4858

■ 248.1230, 3.3904,
-14.1399

■ 130.4880, 27.3674,
89.0260

■ 116.3030, 31.4026,
101.4663

■ 101.4170, 35.2904,
114.5213

■ 88.4060, 38.7468,
125.9319

Harmonies

Analogous

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



215.4270, 9.1565, 3.1335



216.5270, 4.1772, 13.5698



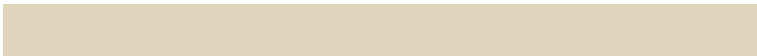
216.9640, -1.9543, 20.2026

Triad

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



216.5270, 4.1772, 13.5698



213.8410, -12.2466, 8.0324



210.3220, 8.2223, -23.9614

Complementary

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



216.5270, 4.1772, 13.5698



222.4730, -4.1772, -13.5698

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.



209.5520, 2.6859, -21.5321



216.5270, 4.1772, 13.5698



212.1600, -9.4459, -3.6483

Square

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



216.5270, 4.1772, 13.5698



215.1240, -11.4001, 16.5543



210.5870, -3.7404, -13.6698



211.6800, 11.9898, -19.0134

Rectangle

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



216.5270, 4.1772, 13.5698



216.2370, -6.0328, 21.7172



210.5870, -3.7404, -13.6698



209.9800, 6.9119, -23.6615

Sweetspot

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



216.5270, 4.1772, 13.5698



250.0760, 1.4415, 4.3183



211.9430, 9.8881, 1.8040



124.2500, 0.8628, 3.2887



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.



216.5270, 4.1772, 13.5698



234.6030, 5.6187, 17.8882



215.1590, -1.0644, 14.7696



107.6140, 2.1623, 6.4775



68.2270, 29.9611, 97.1479



19.4670, 8.6438, 27.6544

Inverse Universe

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



216.5270, 4.1772, 13.5698



234.6030, 5.6187, 17.8882



223.8410, 1.0644, -14.7696



107.6140, 2.1623, 6.4775



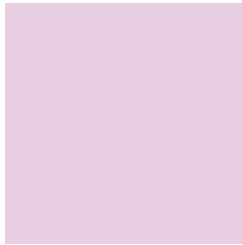
68.2270, 29.9611, 97.1479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 216.5270, 4.1772, 13.5698 looks on a white background.

Color Contrast Check

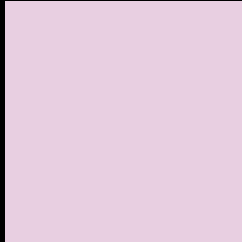
Large Text (above 18pt) WCAG AA × Fail

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 216.5270, 4.1772, 13.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

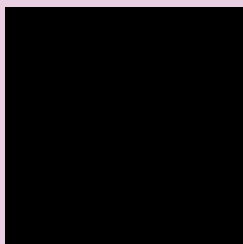
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.5270, 4.1772, 13.5698

Background



This preview shows how black text looks on a background with the YUV color 216.5270, 4.1772, 13.5698.

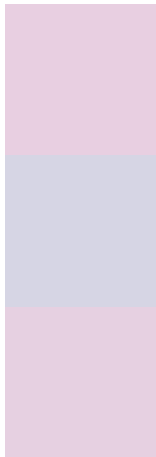


This preview shows how white text looks on a background with the YUV color 216.5270, 4.1772, 13.5698.

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

216.5270, 4.1772, 13.5698

Protanopia

215.0090, 6.4046, -0.8849

Deuteranopia

216.5160, 4.1826, 11.8255



Tritanopia

216.2990, 3.3036, 13.7698

Trichromacy



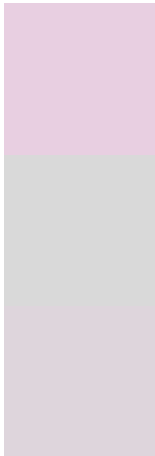
Original Color
216.5270, 4.1772, 13.5698

Protanomaly
215.8140, 5.5147, 4.5481

Deuteranomaly
216.8150, 4.0352, 12.4402

Tritanomaly
216.4130, 3.7404, 13.6698

Monochromacy



Original Color
216.5270, 4.1772, 13.5698

Achromatopsia
217.0000, 0.0000, 0.0000

Achromatomaly
216.4890, 1.7309, 4.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5270, 4.1772, 13.5698 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(232, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 225)  
}
```

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(232, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 225) }
```

Border

The CSS property to change the border of an element to YUV 216.5270, 4.1772, 13.5698 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(232, 207, 225) }
```


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

```
.border{ border-color:rgb(232, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(232, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 216.5270, 4.1772, 13.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 225) }
```

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

```
.background{ background-color: rgb(232,  
207, 225) }
```

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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