

Converting Colors

YUV(218.5270, 4.1772, 13.5698)

Have a look what the booklet for
YUV(218.5270, 4.1772, 13.5698)
contains.

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Color

**YUV(218.5270, 4.1772,
13.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD1E3
RGB	234, 209, 227
RGB Percent	92%, 82%, 89%
CMY	0.0824, 0.1804, 0.1098
CMYK	0.00, 0.11, 0.03, 0.08
HSL	317°, 37%, 87%
HSV	317°, 11%, 92%
XYZ	70.5973, 68.6394, 82.2009
YIQ	218.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

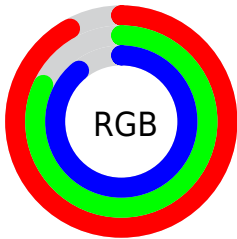
Format	Color
R_{YB}	234, 209, 227
Decimal	15389155
CIE _{Lab}	86.33, 11.76, -5.69
CIE _{LCh}	86, 13.061, 334.183
Yxy	68.6394, 0.3188, 0.3100
Android (android.graphics.Color)	4293579235 (0xFFEAD1E3)
YUV	218.5270, 4.1772, 13.5698
Hunter-Lab	82.8489, 7.1180, -0.8320

Details

The YUV color $218.5270, 4.1772, 13.5698$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.4730, -4.1772, -13.5698$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.8150, 4.0352, 12.4402$ is the 20% darker color. If you saturate the color by 10%, you get $204.2280, 7.7756, 26.1100$, and if you desaturate by 10%, it is $232.8260, 0.5788, 1.0296$.

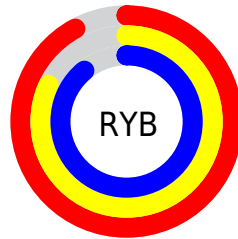
Distribution



Red (92%)

Green (82%)

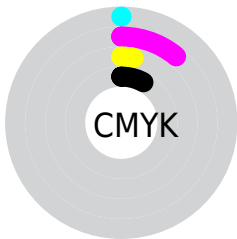
Blue (89%)



Red (92%)

Yellow (82%)

Blue (89%)

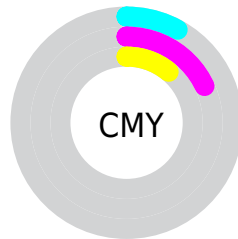


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5270, 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 218.5270, 4.1772, 13.5698 by changing the saturation by 10% instead.

218.5270, 4.1772,
13.5698

218.5270, 4.1772,
13.5698

255.0000, 0.0000,
0.0000

190.5270, 4.1772,
13.5698

163.8150, 4.0352,
12.4402

137.4020, 3.7458,
11.9254

111.4020, 3.7458,
11.9254

87.1030, 3.8932,
11.3107

63.6900, 3.6038,
10.7959

41.9780, 3.4618,

9.6663

■ 20.9780, 3.4618,
9.6663

■ 0.0000, 0.0000,
0.0000

■ 218.5270, 4.1772,
13.5698

■ 218.5270, 4.1772,
13.5698

■ 204.2280, 7.7756,
26.1100

■ 232.8260, 0.5788,
1.0296

■ 189.4560, 12.1002,
39.0651

■ 247.0110, -3.4564,
-11.4106

■ 175.1570, 15.6986,
51.6053

■ 247.8090, -0.3988,
-12.1105

■ 160.3850, 20.0232,
64.5604

■ 248.4930, 2.2220,
-12.7104

■ 146.0860, 23.6216,
77.1006

■ 248.7210, 3.0955,
-12.9103

■ 131.9010, 27.6568,
89.5408

■ 117.0150, 31.5446,
102.5958

■ 102.8300, 35.5798,
115.0361

■ 89.1180, 38.8888,
127.0615

Harmonies

Analogous

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



217.4270, 9.1565, 3.1335



218.5270, 4.1772, 13.5698



218.9640, -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.



218.5270, 4.1772, 13.5698



215.8410, -12.2466, 8.0324



212.3220, 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.



218.5270, 4.1772, 13.5698



224.4730, -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.



211.5520, 2.6859, -21.5321



218.5270, 4.1772, 13.5698



214.1600, -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.



218.5270, 4.1772, 13.5698



217.1240, -11.4001, 16.5543



212.5870, -3.7404, -13.6698



213.6800, 11.9898, -19.0134

Rectangle

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



218.5270, 4.1772, 13.5698



218.2370, -6.0328, 21.7172



212.5870, -3.7404, -13.6698



211.9800, 6.9119, -23.6615

Sweetspot

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



218.5270, 4.1772, 13.5698



250.0760, 1.4415, 4.3183



213.9430, 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.



218.5270, 4.1772, 13.5698



234.6030, 5.6187, 17.8882



217.1590, -1.0644, 14.7696



110.2010, 1.8729, 5.9627



68.9390, 30.1031, 98.2775



20.5920, 9.0751, 29.2988

Inverse Universe

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



218.5270, 4.1772, 13.5698



234.6030, 5.6187, 17.8882



225.8410, 1.0644, -14.7696



110.2010, 1.8729, 5.9627



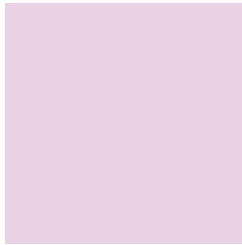
68.9390, 30.1031, 98.2775



20.5920, 9.0751, 29.2988

Previews

White Background



This preview shows how the YUV color 218.5270, 4.1772, 13.5698 looks on a white background.

Color Contrast Check

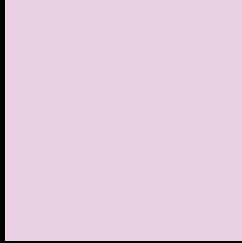
Large Text (above 18pt) WCAG AA × Fail

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 218.5270, 4.1772, 13.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

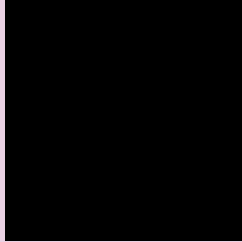
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.5270, 4.1772, 13.5698

Background



This preview shows how black text looks on a background with the YUV color 218.5270, 4.1772, 13.5698.

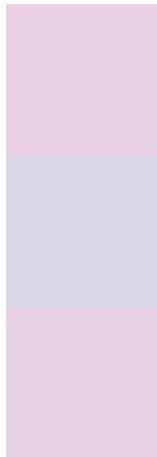


This preview shows how white text looks on a background with the YUV color 218.5270, 4.1772, 13.5698.

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

218.5270, 4.1772, 13.5698

Protanopia

217.0090, 6.4046, -0.8849

Deuteranopia

218.5160, 4.1826, 11.8255



Tritanopia

218.4130, 3.7404, 13.6698

Trichromacy



Original Color

218.5270, 4.1772, 13.5698

Protanomaly

217.8140, 5.5147, 4.5481

Deuteranomaly

218.8150, 4.0352, 12.4402

Tritanomaly

218.4130, 3.7404, 13.6698

Monochromacy



Original Color

218.5270, 4.1772, 13.5698

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.4890, 1.7309, 4.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5270, 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(234, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 227)  
}
```

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(234, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 227) }
```

Border

The CSS property to change the border of an element to YUV 218.5270, 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(234, 209, 227) }
```


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

```
.border{ border-color:rgb(234, 209, 227) }
```

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

Here you see how a box with a 4 pixel rgb(234, 209, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 218.5270, 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(234, 209, 227) }
```

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

```
.background{ background-color: rgb(234,  
209, 227) }
```

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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