

Converting Colors

YUV(217.0500, 0.9613, 18.3731)

Have a look what the booklet for
YUV(217.0500, 0.9613, 18.3731)
contains.

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Color

**YUV(217.0500, 0.9613,
18.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	EECEDB
RGB	238, 206, 219
RGB Percent	93%, 81%, 86%
CMY	0.0667, 0.1922, 0.1412
CMYK	0.00, 0.13, 0.08, 0.07
HSL	336°, 48%, 87%
HSV	336°, 13%, 93%
XYZ	70.1174, 67.4342, 76.3384
YIQ	217.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

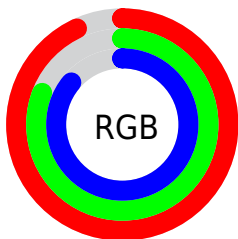
Format	Color
R _Y B	238, 206, 219
Decimal	15650523
CIE Lab	85.72, 13.33, -2.29
CIE LCh	86, 13.521, 350.249
Yxy	67.4342, 0.3278, 0.3153
Android (android.graphics.Color)	4293840603 (0xFFEECEDB)
YUV	217.0500, 0.9613, 18.3731
Hunter-Lab	82.1183, 8.7065, 2.3660

Details

The YUV color $217.0500, 0.9613, 18.3731$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $226.9500, -0.9613, -18.3731$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.3380, 0.8194, 17.2436$ is the 20% darker color. If you saturate the color by 10%, you get $201.3660, 1.7916, 32.1280$, and if you desaturate by 10%, it is $232.7340, 0.1311, 4.6183$.

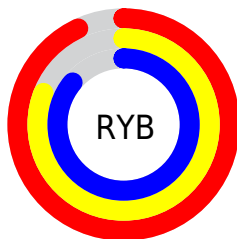
Distribution



Red (93%)

Green (81%)

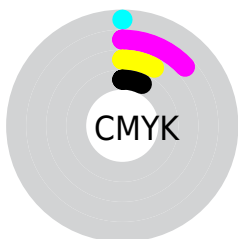
Blue (86%)



Red (93%)

Yellow (81%)

Blue (86%)

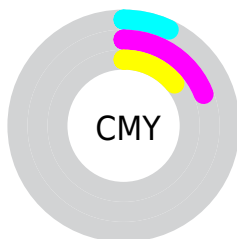


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0500, 0.9613, 18.3731 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 217.0500, 0.9613, 18.3731 by changing the saturation by 10% instead.

 217.0500, 0.9613,
18.3731


 217.0500, 0.9613,
18.3731

255.0000, 0.0000,
0.0000

 189.0500, 0.9614,
18.3732

 162.3380, 0.8194,
17.2436

 136.0390, 0.9668,
16.6288

 110.6260, 0.6774,
16.1140

 86.0280, 0.9722,
14.8844

 62.7290, 1.1196,
14.2697

 40.4300, 1.2670,

13.6549

■ 19.1310, 1.4144,
13.0401

■ 0.0000, 0.0000,
0.0000

■ 217.0500, 0.9613,
18.3731

■ 217.0500, 0.9613,
18.3731

■ 201.3660, 1.7916,
32.1280

■ 232.7340, 0.1311,
4.6183

■ 185.6820, 2.6218,
45.8829

■ 248.4180, -0.6991,
-9.1366

■ 170.5850, 3.1626,
59.1230

■ 249.9170, 2.5059,
-10.4512

■ 154.7870, 3.5560,
72.9778

■ 139.1030, 4.3862,
86.7327

■ 123.4190, 5.2164,
100.4875

■ 107.7350, 6.0466,
114.2424

■ 92.6380, 6.5875,
127.4825

■ 82.2200, 7.2865,
136.6191

Harmonies

Analogous

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



216.3030, 7.2456, 9.3813



217.0500, 0.9613, 18.3731



216.7640, -5.3067, 22.1320

Triad

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



217.0500, 0.9613, 18.3731



212.7370, -11.2093, 1.9847



211.0170, 10.8376, -22.8169

Complementary

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



217.0500, 0.9613, 18.3731



226.9500, -0.9613, -18.3731

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.



210.1540, 6.3331, -24.6911



217.0500, 0.9613, 18.3731



211.8110, -6.8088, -9.4812

Square

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



217.0500, 0.9613, 18.3731



214.4610, -12.5523, 12.7507



210.4660, -0.2297, -19.7027



213.2290, 12.7051, -15.1098

Rectangle

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



217.0500, 0.9613, 18.3731



216.1400, -8.9430, 21.8022



210.4660, -0.2297, -19.7027



210.6640, 9.5326, -24.2613

Sweetspot

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



217.0500, 0.9613, 18.3731



248.4460, 0.2731, 5.7479



215.3290, 11.1768, 8.4815



123.4350, 0.2785, 4.0035



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.



217.0500, 0.9613, 18.3731



228.1970, 1.3819, 23.5062



217.3290, -5.5852, 18.1285



112.1580, 0.4151, 6.8774



63.5660, 5.6370, 105.6206



19.3660, 1.7916, 32.1280

Inverse Universe

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



217.0500, 0.9613, 18.3731



228.1970, 1.3819, 23.5062



226.6710, 5.5852, -18.1285



112.1580, 0.4151, 6.8774



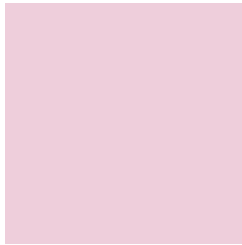
63.5660, 5.6370, 105.6206



19.3660, 1.7916, 32.1280

Previews

White Background



This preview shows how the YUV color 217.0500, 0.9613, 18.3731 looks on a white background.

Color Contrast Check

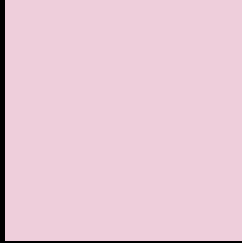
Large Text (above 18pt) WCAG AA × Fail

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 217.0500, 0.9613, 18.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

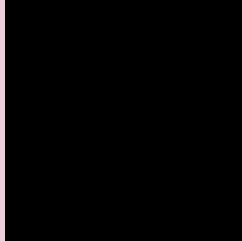
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0500, 0.9613, 18.3731

Background



This preview shows how black text looks on a background with the YUV color 217.0500, 0.9613, 18.3731.



This preview shows how white text looks on a background with the YUV color 217.0500, 0.9613,

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

217.0500, 0.9613, 18.3731

Protanopia

215.0370, 3.9258, 0.8446

Deuteranopia

216.7290, 1.1196, 14.2697



Tritanopia

217.3920, 2.2717, 18.0732

Trichromacy



Original Color

217.0500, 0.9613, 18.3731

Protanomaly

215.5540, 3.1779, 7.4071

Deuteranomaly

216.7400, 1.1142, 16.0140

Tritanomaly

217.2780, 1.8349, 18.1732

Monochromacy



Original Color

217.0500, 0.9613, 18.3731

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0500, 0.9613, 18.3731 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, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 219)  
}
```

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, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 219) }
```

Border

The CSS property to change the border of an element to YUV 217.0500, 0.9613, 18.3731 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, 206, 219) }
```


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

```
.border{ border-color:rgb(238, 206, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 217.0500, 0.9613, 18.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 219) }
```

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

```
.background{ background-color: rgb(238,  
206, 219) }
```

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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