

Converting Colors

YUV(217.1570, 8.7966, 25.2953)

Have a look what the booklet for
YUV(217.1570, 8.7966, 25.2953)
contains.

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Color

**YUV(217.1570, 8.7966,
25.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C7EB
RGB	246, 199, 235
RGB Percent	96%, 78%, 92%
CMY	0.0353, 0.2196, 0.0784
CMYK	0.00, 0.19, 0.04, 0.04
HSL	314°, 72%, 87%
HSV	314°, 19%, 96%
XYZ	73.4249, 66.4378, 87.5511
YIQ	217.1570, 16.4560, 21.1600

Conversions

Conversions Part 2

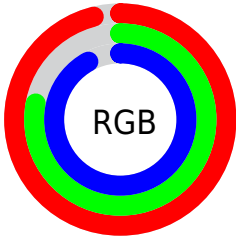
Format	Color
R _Y B	246, 199, 235
Decimal	16173035
CIE Lab	85.22, 22.49, -11.46
CIE LCh	85, 25.243, 332.993
Yxy	66.4378, 0.3229, 0.2921
Android (android.graphics.Color)	4294363115 (0xFFFF6C7EB)
YUV	217.1570, 8.7966, 25.2953
Hunter-Lab	81.5094, 18.1539, -6.6282

Details

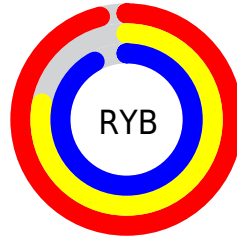
The YUV color $217.1570, 8.7966, 25.2953$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $227.8430, -8.7966, -25.2953$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.0320, 8.3652, 23.6509$ is the 20% darker color. If you saturate the color by 10%, you get $201.7980, 13.4106, 38.7652$, and if you desaturate by 10%, it is $232.5160, 4.1826, 11.8255$.

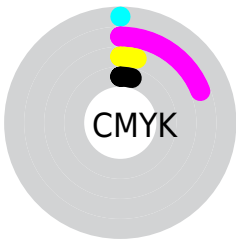
Distribution



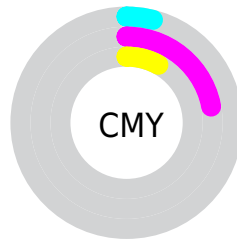
- Red (96%)
- Green (78%)
- Blue (92%)



- Red (96%)
- Yellow (78%)
- Blue (92%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.1570, 8.7966, 25.2953 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 217.1570, 8.7966, 25.2953 by changing the saturation by 10% instead.


 217.1570, 8.7966,
25.2953


 217.1570, 8.7966,
25.2953

255.0000, 0.0000,
0.0000


 189.4450, 8.6546,
24.1657

 162.0320, 8.3652,
23.6509

 135.6190, 8.0758,
23.1361

 110.0210, 8.3706,
21.9066

 85.4940, 7.6445,
21.4918

 61.7820, 7.5025,
20.3622

 39.1840, 7.7973,

19.1326

■ 16.5970, 8.0867,
19.6474

■ 1.2110, 3.3470,
-0.1850

■ 217.1570, 8.7966,
25.2953

■ 217.1570, 8.7966,
25.2953

■ 201.7980, 13.4106,
38.7652

■ 232.5160, 4.1826,
11.8255

■ 187.0260, 17.7352,
51.7202

■ 247.2880, -0.1420,
-1.1296

■ 171.7810, 22.7860,
65.0901

■ 251.9670, 0.0163,
-5.2331

■ 157.0090, 27.1106,
78.0451

■ 252.3090, 1.3267,
-5.5330

■ 141.6500, 31.7245,
91.5149

■ 126.2910, 36.3385,
104.9848

■ 111.6330, 41.0999,
117.8399

■ 96.2740, 45.7139,
131.3097

■ 94.9860, 45.8559,
132.4393

Harmonies

Analogous

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



215.5440, 18.4658, 3.9079



217.1570, 8.7966, 25.2953



215.3510, -2.1450, 34.7722

Triad

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



217.1570, 8.7966, 25.2953



211.7250, -23.0354, 15.1502



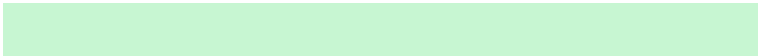
203.4480, 17.0341, -50.3819

Complementary

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



217.1570, 8.7966, 25.2953



227.8430, -8.7966, -25.2953

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.



203.6910, 5.0823, -43.5790



217.1570, 8.7966, 25.2953



208.5590, -18.0236, -5.7522

Square

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



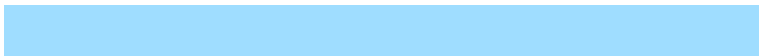
217.1570, 8.7966, 25.2953



213.9920, -21.1951, 31.5790



205.5870, -7.1914, -26.8248



206.3380, 23.9904, -41.5154

Rectangle

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



217.1570, 8.7966, 25.2953



214.1140, -9.4232, 35.8570



205.5870, -7.1914, -26.8248



202.9490, 13.8291, -49.0673

Sweetspot

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



217.1570, 8.7966, 25.2953



245.7390, 2.5937, 8.1219



207.6470, 18.9080, 2.0636



122.3750, 1.2941, 4.9331



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.



217.1570, 8.7966, 25.2953



218.7710, 10.9589, 31.7728



214.5350, -1.2498, 27.5948



114.7280, 2.5991, 6.3775



71.9160, 35.0444, 100.0517



22.7710, 10.9589, 31.7728

Inverse Universe

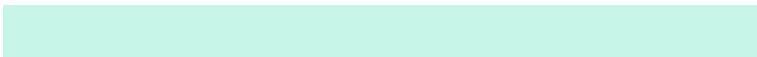
The Inverse Universe completely reimagines the original color for something new.



217.1570, 8.7966, 25.2953



218.7710, 10.9589, 31.7728



230.4650, 1.2498, -27.5948



114.7280, 2.5991, 6.3775



71.9160, 35.0444, 100.0517



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 217.1570, 8.7966, 25.2953 looks on a white background.

Color Contrast Check

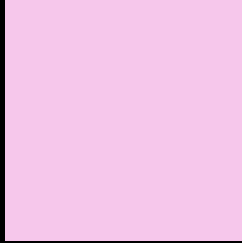
Large Text (above 18pt) WCAG AA × Fail

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 217.1570, 8.7966, 25.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

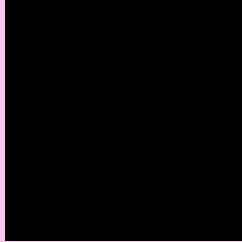
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1570, 8.7966, 25.2953

Background



This preview shows how black text looks on a background with the YUV color 217.1570, 8.7966, 25.2953.



This preview shows how white text looks on a background with the YUV color 217.1570, 8.7966,

25.2953.

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

217.1570, 8.7966, 25.2953

Protanopia

214.3380, 14.1304, -5.5584

Deuteranopia

215.0470, 8.8508, 7.8518



Tritanopia

216.3820, 0.7977, 24.2210

Trichromacy



Original Color

217.1570, 8.7966, 25.2953



Protanomaly

215.2470, 12.2032, 5.9224



Deuteranomaly

215.7920, 8.9765, 14.2144



Tritanomaly

216.7780, 3.5604, 24.7507

Monochromacy



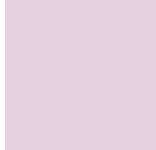
Original Color

217.1570, 8.7966, 25.2953



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1570, 8.7966, 25.2953 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(246, 199, 235)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 235)  
}
```

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(246, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 235) }
```

Border

The CSS property to change the border of an element to YUV 217.1570, 8.7966, 25.2953 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(246, 199, 235) }
```


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

```
.border{ border-color:rgb(246, 199, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 235);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 217.1570, 8.7966, 25.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 235) }
```

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

```
.background{ background-color: rgb(246,  
199, 235) }
```

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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