

Converting Colors

YUV(219.7500, 6.0393, 23.0212)

Have a look what the booklet for
YUV(219.7500, 6.0393, 23.0212)
contains.

YUV(219.7500, 6.0393, 23.0212)	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(219.7500, 6.0393,
23.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CCE8
RGB	246, 204, 232
RGB Percent	96%, 80%, 91%
CMY	0.0353, 0.2000, 0.0902
CMYK	0.00, 0.17, 0.06, 0.04
HSL	320°, 70%, 88%
HSV	320°, 17%, 96%
XYZ	74.1644, 68.6048, 85.6771
YIQ	219.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

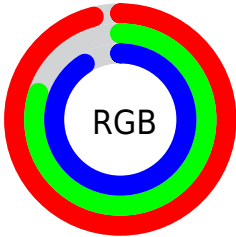
Format	Color
R_{YB}	246, 204, 232
Decimal	16174312
CIE _{Lab}	86.31, 19.33, -8.25
CIE _{LCh}	86, 21.019, 336.892
Yxy	68.6048, 0.3246, 0.3003
Android (android.graphics.Color)	4294364392 (0xFFFF6CCE8)
YUV	219.7500, 6.0393, 23.0212
Hunter-Lab	82.8280, 14.8804, -3.3499

Details

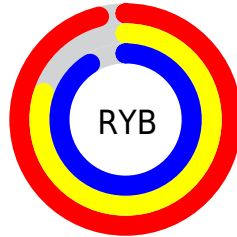
The YUV color $219.7500, 6.0393, 23.0212$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.2500, -6.0392, -23.0212$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.6250, 5.6079, 21.3769$ is the 20% darker color. If you saturate the color by 10%, you get $204.1630, 9.7796, 36.6910$, and if you desaturate by 10%, it is $235.3370, 2.2989, 9.3515$.

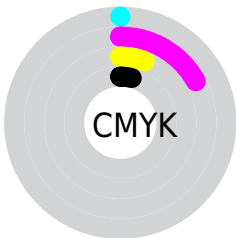
Distribution



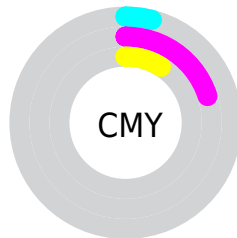
- Red (96%)
- Green (80%)
- Blue (91%)



- Red (96%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 219.7500, 6.0393, 23.0212 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 219.7500, 6.0393, 23.0212 by changing the saturation by 10% instead.


 219.7500, 6.0393,
23.0212


 219.7500, 6.0393,
23.0212


255.0000, 0.0000,
0.0000


 191.4510, 6.1867,
22.4065

 164.6250, 5.6079,
21.3769

 138.3260, 5.7553,
20.7621

 112.9130, 5.4659,
20.2473

 87.6140, 5.6133,
19.6325

 63.9020, 5.4713,
18.5029

 41.1900, 5.3293,

17.3734

■ 19.8910, 5.4767,
16.7586

■ 2.6630, 1.1521,
3.8035

■ 219.7500, 6.0393,
23.0212

■ 219.7500, 6.0393,
23.0212

■ 204.1630, 9.7796,
36.6910

■ 235.3370, 2.2989,
9.3515

■ 189.1630, 13.2306,
49.8460

■ 250.3370, -1.1521,
-3.8035

■ 173.4620, 16.5342,
63.6158

■ 252.3090, 1.3267,
-5.5330

■ 158.4620, 19.9852,
76.7708

■ 142.8750, 23.7256,
90.4406

■ 127.2880, 27.4660,
104.1104

■ 112.2880, 30.9170,
117.2654

■ 96.5870, 34.2206,
131.0352

■ 92.2500, 35.3727,
134.8388

Harmonies

Analogous

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



218.2300, 14.6766, 5.9373



219.7500, 6.0393, 23.0212



218.9870, -3.4446, 31.5834

Triad

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



219.7500, 6.0393, 23.0212



214.8430, -18.6566, 10.6617



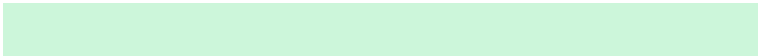
208.6450, 14.9650, -40.0307

Complementary

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



219.7500, 6.0393, 23.0212



230.2500, -6.0392, -23.0212

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.



208.5500, 5.6449, -37.3163



219.7500, 6.0393, 23.0212



212.2860, -13.9450, -7.2668

Square

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



219.7500, 6.0393, 23.0212



216.4580, -17.9738, 25.0313



209.8800, -4.8708, -24.4508



211.6660, 19.8847, -31.2791

Rectangle

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



219.7500, 6.0393, 23.0212



218.0920, -9.4124, 32.3683



209.8800, -4.8708, -24.4508



208.5480, 12.0548, -39.9456

Sweetspot

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



219.7500, 6.0393, 23.0212



246.9130, 2.0149, 7.0923



212.9740, 16.2818, 4.4078



122.9620, 1.0047, 4.4183



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.



219.7500, 6.0393, 23.0212



223.1250, 7.3334, 27.9544



217.3560, -3.1335, 25.1208



114.5000, 1.7255, 6.5775



69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Inverse Universe

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



219.7500, 6.0393, 23.0212



223.1250, 7.3334, 27.9544



232.6440, 3.1335, -25.1208



114.5000, 1.7255, 6.5775



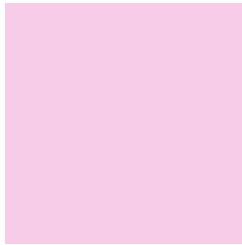
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 219.7500, 6.0393, 23.0212 looks on a white background.

Color Contrast Check

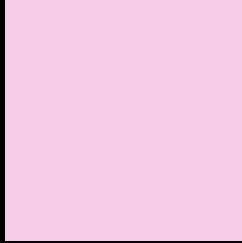
Large Text (above 18pt) WCAG AA × Fail

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 219.7500, 6.0393, 23.0212 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 219.7500, 6.0393, 23.0212

Background



This preview shows how black text looks on a background with the YUV color 219.7500, 6.0393, 23.0212.



This preview shows how white text looks on a background with the YUV color 219.7500, 6.0393,

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

219.7500, 6.0393, 23.0212

Protanopia

217.1380, 10.7780, -3.6290

Deuteranopia

218.3740, 6.2246, 10.1960



Tritanopia

219.4850, 1.2399, 22.3767

Trichromacy



Original Color

219.7500, 6.0393, 23.0212

Protanomaly

218.0360, 8.8563, 6.1074

Deuteranomaly

218.9940, 5.9190, 14.9143

Tritanomaly

219.3540, 3.2765, 22.4915

Monochromacy



Original Color

219.7500, 6.0393, 23.0212

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.6250, 2.1569, 8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.7500, 6.0393, 23.0212 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, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 204, 232)  
}
```

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, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 204, 232) }
```

Border

The CSS property to change the border of an element to YUV 219.7500, 6.0393, 23.0212 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, 204, 232) }
```


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

```
.border{ border-color:rgb(246, 204, 232) }
```

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

Here you see how a box with a 4 pixel rgb(246, 204, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 204,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 219.7500, 6.0393, 23.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 204, 232) }
```

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

```
.background{ background-color: rgb(246,  
204, 232) }
```

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