

Converting Colors

YUV(211.5820, 4.1501, 22.2916)

Have a look what the booklet for
YUV(211.5820, 4.1501, 22.2916)
contains.

YUV(211.5820, 4.1501, 22.2916)	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(211.5820, 4.1501,
22.2916)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC5DC
RGB	237, 197, 220
RGB Percent	93%, 77%, 86%
CMY	0.0706, 0.2275, 0.1373
CMYK	0.00, 0.17, 0.07, 0.07
HSL	326°, 53%, 85%
HSV	326°, 17%, 93%
XYZ	67.8096, 63.1043, 76.3166
YIQ	211.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

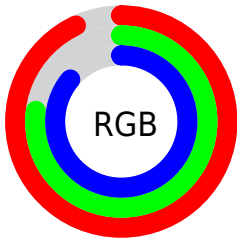
Format	Color
R _Y B	237, 197, 220
Decimal	15582684
CIE Lab	83.50, 17.91, -6.11
CIE LCh	83, 18.920, 341.158
Yxy	63.1043, 0.3272, 0.3045
Android (android.graphics.Color)	4293772764 (0xFFEDC5DC)
YUV	211.5820, 4.1501, 22.2916
Hunter-Lab	79.4382, 13.3531, -1.3533

Details

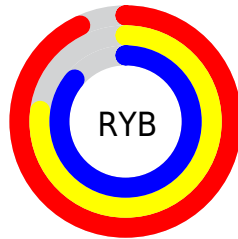
The YUV color $211.5820, 4.1501, 22.2916$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.4180, -4.1501, -22.2916$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2894, 0.5148$, and $156.8700, 4.0081, 21.1620$ is the 20% darker color. If you saturate the color by 10%, you get $196.3540, 6.7275, 35.6465$, and if you desaturate by 10%, it is $226.8100, 1.5727, 8.9366$.

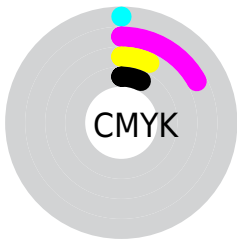
Distribution



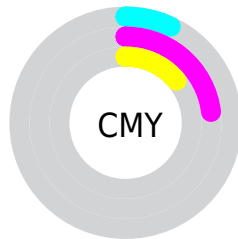
- Red (93%)
- Green (77%)
- Blue (86%)



- Red (93%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.5820, 4.1501, 22.2916 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 211.5820, 4.1501, 22.2916 by changing the saturation by 10% instead.

211.5820, 4.1501,
22.2916

211.5820, 4.1501,
22.2916

255.0000, 0.0000,
0.0000

184.1690, 3.8607,
21.7768

254.4130, 0.2894,
0.5148

156.8700, 4.0081,
21.1620

130.5710, 4.1555,
20.5472

105.1580, 3.8661,
20.0324

81.1470, 3.8715,
18.2881

57.7340, 3.5821,
17.7733

35.1360, 3.8770,

16.5437

■ 12.7880, 5.0345,
18.6029

■ 0.0000, 0.0000,
0.0000

■ 211.5820, 4.1501,
22.2916

■ 211.5820, 4.1501,
22.2916

■ 196.3540, 6.7275,
35.6465

■ 226.8100, 1.5727,
8.9366

■ 181.7130, 9.0155,
48.4867

■ 241.4510, -0.7153,
-3.9035

■ 166.4850, 11.5929,
61.8417

■ 249.0480, 0.4693,
-10.5661

■ 151.2570, 14.1703,
75.1966

■ 249.6180, 2.6533,
-11.0660

■ 136.0290, 16.7477,
88.5516

■ 121.3880, 19.0357,
101.3917

■ 106.0460, 21.1763,
114.8467

■ 90.8180, 23.7537,
128.2016

■ 86.3670, 24.4691,
132.1051

Harmonies

Analogous

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



210.5570, 12.0504, 8.2815



211.5820, 4.1501, 22.2916



211.3350, -4.6022, 29.5242

Triad

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



211.5820, 4.1501, 22.2916



206.6900, -16.6092, 7.2879



202.1510, 14.2226, -35.2124

Complementary

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



211.5820, 4.1501, 22.2916



222.4180, -4.1501, -22.2916

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.



201.6860, 6.0708, -33.9276



211.5820, 4.1501, 22.2916



204.5570, -11.6136, -8.3815

Square

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



211.5820, 4.1501, 22.2916



208.7780, -16.6526, 21.2427



202.9340, -3.4185, -23.6211



204.8300, 17.8318, -26.1609

Rectangle

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



211.5820, 4.1501, 22.2916



210.5540, -10.1331, 30.2091



202.9340, -3.4185, -23.6211



201.8690, 11.8966, -35.8421

Sweetspot

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



211.5820, 4.1501, 22.2916



246.7990, 1.5781, 7.1923



206.6430, 14.9660, 6.4521



122.8480, 0.5679, 4.5183



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.



211.5820, 4.1501, 22.2916



222.5550, 5.1494, 28.4543



209.3020, -4.5859, 24.2911



109.9730, 0.9993, 6.1627



65.9750, 18.7463, 100.8769



19.6800, 5.5808, 30.0986

Inverse Universe

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



211.5820, 4.1501, 22.2916



222.5550, 5.1494, 28.4543



224.6980, 4.5859, -24.2911



109.9730, 0.9993, 6.1627



65.9750, 18.7463, 100.8769



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 211.5820, 4.1501, 22.2916 looks on a white background.

Color Contrast Check

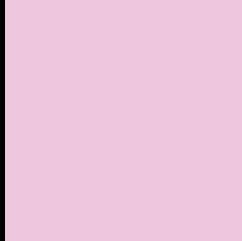
Large Text (above 18pt) WCAG AA × Fail

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 211.5820, 4.1501, 22.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

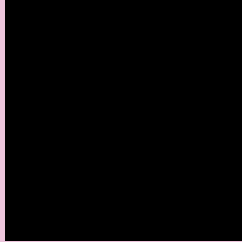
Any Text WCAG AA ✓ Pass

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 211.5820, 4.1501, 22.2916 Background



This preview shows how black text looks on a background with the YUV color 211.5820, 4.1501, 22.2916.



This preview shows how white text looks on a background with the YUV color 211.5820, 4.1501,

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

211.5820, 4.1501, 22.2916

Protanopia

209.1660, 8.2992, -1.8996

Deuteranopia

210.5160, 4.1826, 11.8255



Tritanopia

211.1860, 1.3873, 21.7619

Trichromacy



Original Color

211.5820, 4.1501, 22.2916

Protanomaly

209.8790, 6.9617, 7.1221

Deuteranomaly

210.8370, 4.0244, 15.9290

Tritanomaly

211.4140, 2.2609, 21.5619

Monochromacy



Original Color

211.5820, 4.1501, 22.2916

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.0980, 1.4307, 7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.5820, 4.1501, 22.2916 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(237, 197, 220)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 220)  
}
```

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(237, 197, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 220) }
```

Border

The CSS property to change the border of an element to YUV 211.5820, 4.1501, 22.2916 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(237, 197, 220) }
```


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

```
.border{ border-color:rgb(237, 197, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 197, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 197, 220); box-shadow:4px 4px 4px 4px rgb(237, 197, 220) }
```

Background

The CSS property to change the background color of an element to YUV 211.5820, 4.1501, 22.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 220) }
```

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

```
.background{ background-color: rgb(237,  
197, 220) }
```

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