

Converting Colors

YUV(222.4530, 13.0877, 2.2337)

Have a look what the booklet for
YUV(222.4530, 13.0877, 2.2337)
contains.

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Color

**YUV(222.4530, 13.0877,
2.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D8F9
RGB	225, 216, 249
RGB Percent	88%, 85%, 98%
CMY	0.1176, 0.1529, 0.0235
CMYK	0.10, 0.13, 0.00, 0.02
HSL	256°, 73%, 91%
HSV	256°, 13%, 98%
XYZ	72.7061, 71.9588, 99.6800
YIQ	222.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

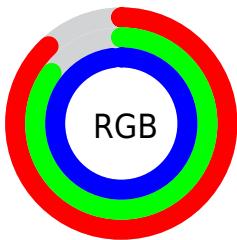
Format	Color
R _Y B	225, 216, 249
Decimal	14801145
CIE Lab	87.95, 9.22, -14.98
CIE LCh	88, 17.589, 301.627
Yxy	71.9588, 0.2976, 0.2945
Android (android.graphics.Color)	4292991225 (0xFFE1D8F9)
YUV	222.4530, 13.0877, 2.2337
Hunter-Lab	84.8286, 4.5414, -10.2902

Details

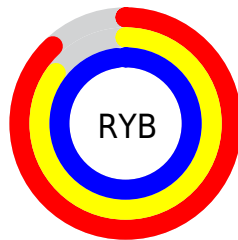
The YUV color $222.4530, 13.0877, 2.2337$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.5470, -13.0877, -2.2337$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.3390, 12.6509, 2.3337$ is the 20% darker color. If you saturate the color by 10%, you get $202.3960, 22.9758, 4.0377$, and if you desaturate by 10%, it is $242.5100, 3.1996, 0.4297$.

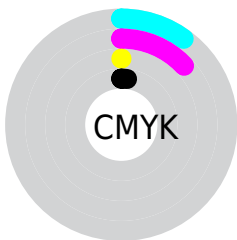
Distribution



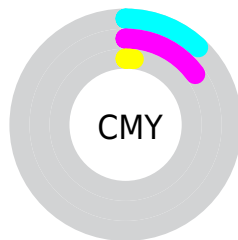
- Red (88%)
- Green (85%)
- Blue (98%)



- Red (88%)
- Yellow (85%)
- Blue (98%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4530, 13.0877, 2.2337 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 222.4530, 13.0877, 2.2337 by changing the saturation by 10% instead.

■ 222.4530, 13.0877,
2.2337

■ 222.4530, 13.0877,
2.2337

255.0000, 0.0000,
0.0000

■ 194.3390, 12.6509,
2.3337

■ 167.3390, 12.6509,
2.3337

■ 140.8120, 11.9247,
1.9189

■ 115.3990, 11.6353,
1.4041

■ 90.2850, 11.1985,
1.5041

■ 67.1710, 10.7617,
1.6040

■ 44.6440, 10.0355,

1.1892

■ 23.8180, 9.4567,
0.1596

■ 3.2090, 9.7570,
-2.8143

■ 222.4530, 13.0877,
2.2337

■ 222.4530, 13.0877,
2.2337

■ 202.3960, 22.9758,
4.0377

■ 242.5100, 3.1996,
0.4297

■ 182.3390, 32.8639,
5.8417

■ 254.3160, -2.6208,
0.5999

■ 162.2820, 42.7520,
7.6457

■ 142.2250, 52.6401,
9.4497

■ 122.4560, 62.3862,
10.1241

■ 102.3990, 72.2743,
11.9281

■ 82.3420, 82.1624,
13.7321

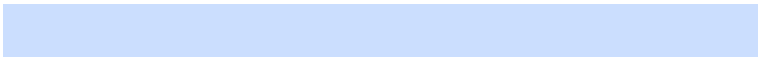
■ 62.2850, 92.0505,
15.5361

■ 48.7180, 98.7390,
16.9103

Harmonies

Analogous

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



219.9670, 16.7783, -14.8801



222.4530, 13.0877, 2.2337



223.5320, 6.6397, 17.0734

Triad

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



222.4530, 13.0877, 2.2337



221.6580, -14.6214, 23.1019



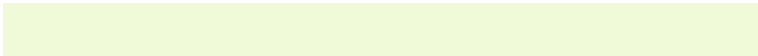
214.6220, 3.1444, -28.6095

Complementary

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



222.4530, 13.0877, 2.2337



242.5470, -13.0877, -2.2337

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.



216.2830, -6.0555, -17.7882



222.4530, 13.0877, 2.2337



220.1250, -16.3306, 11.2914

Square

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



222.4530, 13.0877, 2.2337



222.7710, -9.2541, 28.2648



217.9490, -12.7929, -3.4633



214.9510, 10.8702, -33.2830

Rectangle

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



222.4530, 13.0877, 2.2337



223.7950, 1.0871, 24.7358



217.9490, -12.7929, -3.4633



214.8350, 0.0813, -26.1653

Sweetspot

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



222.4530, 13.0877, 2.2337



247.0370, 3.9258, 0.8446



233.8500, 7.4690, -15.6544



122.3960, 2.7628, 0.5297



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.



222.4530, 13.0877, 2.2337



221.9630, 16.2872, 2.6634



227.2370, 10.7292, 12.0702



114.6780, 5.0887, 1.1594



36.7950, 75.0371, 12.4578



12.0370, 24.1388, 4.3526

Inverse Universe

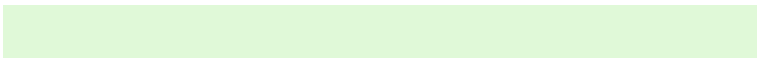
The Inverse Universe completely reimagines the original color for something new.



228.6030, 5.6187, 17.8882



229.6790, 7.0603, 22.2065



237.7630, -10.7292, -12.0702



117.0270, 2.4517, 6.9923



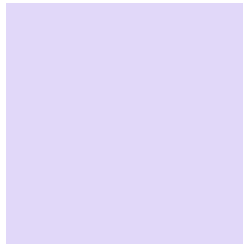
72.1290, 31.9814, 102.4959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 222.4530, 13.0877, 2.2337 looks on a white background.

Color Contrast Check

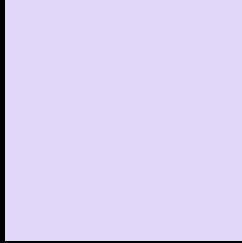
Large Text (above 18pt) WCAG AA × Fail

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 222.4530, 13.0877, 2.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

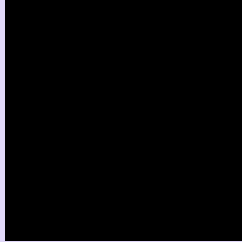
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.4530, 13.0877, 2.2337

Background



This preview shows how black text looks on a background with the YUV color 222.4530, 13.0877, 2.2337.



This preview shows how white text looks on a background with the YUV color 222.4530, 13.0877, 2.2337.

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

222.4530, 13.0877, 2.2337

Protanopia

221.4520, 14.5672, -5.6584

Deuteranopia

222.7630, 12.9348, 4.5928



Tritanopia

221.5470, 7.1253, 1.2743

Trichromacy



Original Color

222.4530, 13.0877, 2.2337

Protanomaly

221.9470, 13.8301, -2.5845

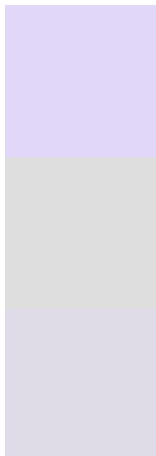
Deuteranomaly

222.4640, 13.0822, 3.9781

Tritanomaly

221.8290, 9.4513, 1.9040

Monochromacy



Original Color

222.4530, 13.0877, 2.2337

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.2650, 4.7994, 0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4530, 13.0877, 2.2337 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(225, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(225, 216, 249)  
}
```

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(225, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 249) }
```

Border

The CSS property to change the border of an element to YUV 222.4530, 13.0877, 2.2337 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(225, 216, 249) }
```


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

```
.border{ border-color:rgb(225, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 222.4530, 13.0877, 2.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 249) }
```

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

```
.background{ background-color: rgb(225,  
216, 249) }
```

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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