

Converting Colors

YUV(222.2400, 16.1507,
-0.2105)

Have a look what the booklet for
YUV(222.2400, 16.1507, -0.2105)
contains.

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Color

**YUV(222.2400, 16.1507,
-0.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	DED8FF
RGB	222, 216, 255
RGB Percent	87%, 85%, 100%
CMY	0.1294, 0.1529, 0.0000
CMYK	0.13, 0.15, 0.00, 0.00
HSL	249°, 100%, 92%
HSV	249°, 15%, 100%
XYZ	72.7301, 71.8613, 104.6451
YIQ	222.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

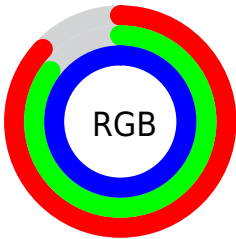
Format	Color
R _Y B	222, 216, 255
Decimal	14604543
CIE Lab	87.90, 9.48, -18.23
CIE LCh	88, 20.546, 297.466
Yxy	71.8613, 0.2918, 0.2883
Android (android.graphics.Color)	4292794623 (0xFFDED8FF)
YUV	222.2400, 16.1507, -0.2105
Hunter-Lab	84.7711, 4.7963, -13.8504

Details

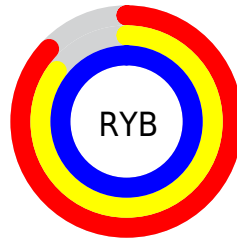
The YUV color $222.2400, 16.1507, -0.2105$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.7600, -16.1507, 0.2105$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.0120, 15.2771, -0.0105$ is the 20% darker color. If you saturate the color by 10%, you get $200.9870, 26.6284, -0.8656$, and if you desaturate by 10%, it is $244.0800, 5.3836, -0.0702$.

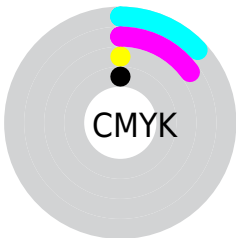
Distribution



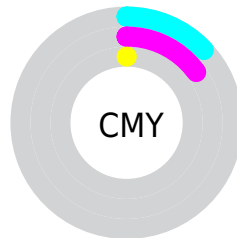
- Red (87%)
- Green (85%)
- Blue (100%)



- Red (87%)
- Yellow (85%)
- Blue (100%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2400, 16.1507, -0.2105 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 222.2400, 16.1507, -0.2105 by changing the saturation by 10% instead.

■ 222.2400, 16.1507,
-0.2105

■ 222.2400, 16.1507,
-0.2105

255.0000, 0.0000,
0.0000

■ 194.1260, 15.7139,
-0.1105

■ 167.0120, 15.2771,
-0.0105

■ 140.5990, 14.9877,
-0.5253

■ 115.0720, 14.2615,
-0.9401

■ 90.0720, 14.2615,
-0.9401

■ 66.8440, 13.3879,
-0.7402

■ 44.3170, 12.6617,

-1.1550

■ 23.4910, 12.0829,
-2.1846

■ 3.6650, 11.5042,
-3.2142

■ 222.2400, 16.1507,
-0.2105

■ 222.2400, 16.1507,
-0.2105

■ 200.9870, 26.6284,
-0.8656

■ 244.0800, 5.3836,
-0.0702

■ 179.4460, 37.2481,
-0.3911

255.0000, 0.0000,
0.0000

■ 158.1930, 47.7259,
-1.0463

■ 136.6520, 58.3456,
-0.5718

■ 115.3990, 68.8233,
-1.2269

■ 93.8580, 79.4430,
-0.7525

■ 72.0180, 90.2101,
-0.8928

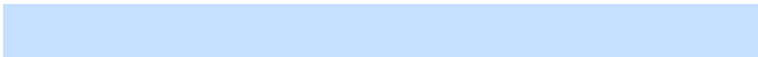
■ 50.7650, 100.6879,
-1.5479

■ 40.7310, 105.6346,
-1.5181

Harmonies

Analogous

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



218.5750, 17.9575, -19.7983



222.2400, 16.1507, -0.2105



223.8140, 8.9657, 17.7031

Triad

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



222.2400, 16.1507, -0.2105



221.8220, -16.6742, 28.2201



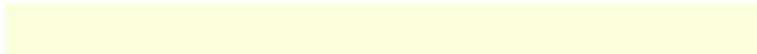
213.6600, 2.1396, -33.0278

Complementary

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



222.2400, 16.1507, -0.2105



248.7600, -16.1507, 0.2105

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.



215.1150, -7.9447, -18.5179



222.2400, 16.1507, -0.2105



219.8760, -18.6729, 15.8947

Square

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



222.2400, 16.1507, -0.2105



221.4830, -9.1121, 29.3944



217.8630, -15.7085, -1.6339



212.9610, 12.3442, -39.4308

Rectangle

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



222.2400, 16.1507, -0.2105



224.4470, 2.2446, 26.7950



217.8630, -15.7085, -1.6339



213.7700, -1.3656, -28.7393

Sweetspot

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



222.2400, 16.1507, -0.2105



244.0800, 5.3836, -0.0702



239.8170, 7.4852, -20.8875



121.2110, 3.3470, -0.1850



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.



222.2400, 16.1507, -0.2105



216.3370, 19.0609, -0.2955



227.9210, 13.3499, 11.4703



117.0800, 5.3836, -0.0702



30.4450, 79.1536, -1.2673



10.2860, 26.4810, -0.2508

Inverse Universe

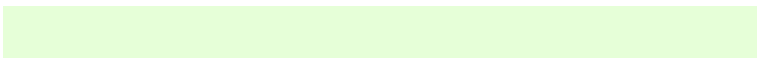
The Inverse Universe completely reimagines the original color for something new.



231.4230, 8.6655, 20.6770



227.2000, 10.2544, 24.3806



243.0790, -13.3499, -11.4703



120.1410, 2.8885, 6.8923



75.5770, 42.6065, 101.2260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 222.2400, 16.1507, -0.2105 looks on a white background.

Color Contrast Check

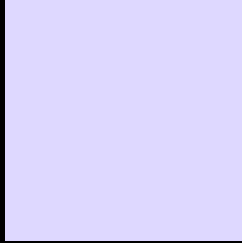
Large Text (above 18pt) WCAG AA × Fail

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 222.2400, 16.1507, -0.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

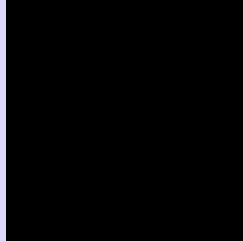
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.2400, 16.1507, -0.2105

Background



This preview shows how black text looks on a background with the YUV color 222.2400, 16.1507, -0.2105.



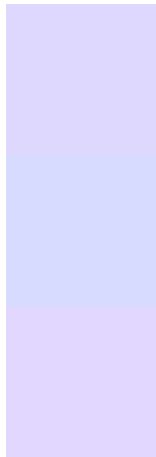
This preview shows how white text looks on a background with the YUV color 222.2400, 16.1507, -0.2105.

-0.2105.

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

222.2400, 16.1507, -0.2105

Protanopia

221.6090, 16.4618, -6.6731

Deuteranopia

222.5500, 15.9979, 2.1487



Tritanopia

220.9380, 7.4256, -1.6996

Trichromacy



Original Color

222.2400, 16.1507, -0.2105

Protanomaly

221.9190, 16.3089, -4.3140

Deuteranomaly

222.2510, 16.1453, 1.5339

Tritanomaly

221.4480, 10.6251, -1.2699

Monochromacy



Original Color

222.2400, 16.1507, -0.2105

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1940, 5.8204, -0.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2400, 16.1507, -0.2105 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(222, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 255)  
}
```

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(222, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.2400, 16.1507, -0.2105 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(222, 216, 255) }
```


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

```
.border{ border-color:rgb(222, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.2400, 16.1507, -0.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 255) }
```

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

```
.background{ background-color: rgb(222,  
216, 255) }
```

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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