

Converting Colors

YUV(226.3500, 12.6454, 4.0780)

Have a look what the booklet for
YUV(226.3500, 12.6454, 4.0780)
contains.

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Color

**YUV(226.3500, 12.6454,
4.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBFC
RGB	231, 219, 252
RGB Percent	91%, 86%, 99%
CMY	0.0941, 0.1412, 0.0118
CMYK	0.08, 0.13, 0.00, 0.01
HSL	262°, 85%, 92%
HSV	262°, 13%, 99%
XYZ	75.8572, 74.6802, 102.5121
YIQ	226.3500, -3.4410, 12.8070

Conversions

Conversions Part 2

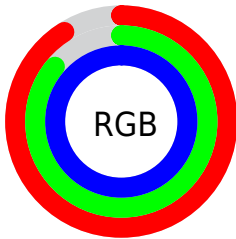
Format	Color
R _Y B	231, 219, 252
Decimal	15195132
CIE Lab	89.24, 10.16, -14.57
CIE LCh	89, 17.759, 304.889
Yxy	74.6802, 0.2998, 0.2951
Android (android.graphics.Color)	4293385212 (0xFFE7DBFC)
YUV	226.3500, 12.6454, 4.0780
Hunter-Lab	86.4177, 5.4557, -9.8397

Details

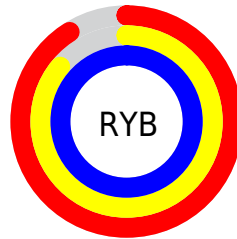
The YUV color $226.3500, 12.6454, 4.0780$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $244.6500, -12.6454, -4.0780$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.8230, 11.9193, 3.6632$ is the 20% darker color. If you saturate the color by 10%, you get $206.8910, 22.2387, 7.1116$, and if you desaturate by 10%, it is $245.8090, 3.0522, 1.0445$.

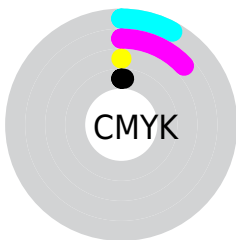
Distribution



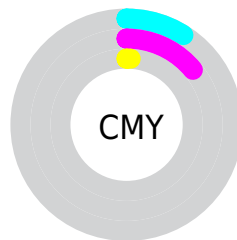
- Red (91%)
- Green (86%)
- Blue (99%)



- Red (91%)
- Yellow (86%)
- Blue (99%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.3500, 12.6454, 4.0780 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 226.3500, 12.6454, 4.0780 by changing the saturation by 10% instead.

226.3500, 12.6454,
4.0780

226.3500, 12.6454,
4.0780

255.0000, 0.0000,
0.0000

198.2360, 12.2087,
4.1780

170.8230, 11.9193,
3.6632

144.7090, 11.4825,
3.7632

118.7090, 11.4825,
3.7632

94.1820, 10.7563,
3.3484

70.6550, 10.0301,
2.9336

48.2420, 9.7407,

2.4188

■ 26.8290, 9.4513,
1.9040

■ 3.7470, 10.4777,
-0.6551

■ 226.3500, 12.6454,
4.0780

■ 226.3500, 12.6454,
4.0780

■ 206.8910, 22.2387,
7.1116

■ 245.8090, 3.0522,
1.0445

■ 187.4320, 31.8320,
10.1451

■ 254.6580, -1.3104,
0.2999

■ 167.3860, 41.7147,
13.6935

■ 147.9270, 51.3080,
16.7270

■ 128.4680, 60.9013,
19.7606

■ 109.0090, 70.4946,
22.7941

■ 89.5500, 80.0878,
25.8277

■ 69.5040, 89.9705,
29.3760

■ 56.2360, 96.5117,
31.3650

Harmonies

Analogous

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



223.6360, 15.4625, -12.8358



226.3500, 12.6454, 4.0780



227.3150, 5.7607, 19.0177

Triad

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



226.3500, 12.6454, 4.0780



225.1310, -15.3476, 22.6871



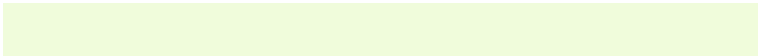
218.1380, 3.8760, -29.9390

Complementary

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



226.3500, 12.6454, 4.0780



244.6500, -12.6454, -4.0780

Split Complementary

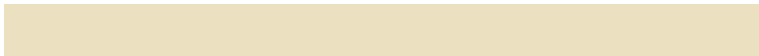
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.5000, -5.1765, -19.7325



226.3500, 12.6454, 4.0780



223.5270, -16.0358, 10.0618

Square

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



226.3500, 12.6454, 4.0780



225.3470, -9.5381, 26.0057



221.3510, -12.4980, -4.6928



218.5920, 12.0331, -32.9682

Rectangle

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



226.3500, 12.6454, 4.0780



227.2680, 0.3609, 24.3210



221.3510, -12.4980, -4.6928



218.4650, 1.2498, -27.5948

Sweetspot

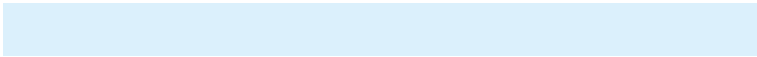
The Sweet Spot groups the original color and five complimentary colors.



226.3500, 12.6454, 4.0780



247.3360, 3.7784, 1.4593



235.0890, 8.3371, -14.1101



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.



226.3500, 12.6454, 4.0780



223.1590, 15.6976, 5.1226



231.1340, 10.2869, 13.9145



114.9770, 4.9413, 1.7742



42.1770, 72.3837, 23.5238



13.5320, 23.4017, 7.4264

Inverse Universe

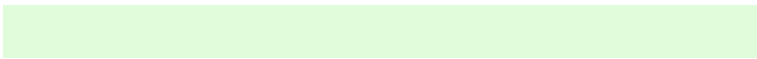
The Inverse Universe completely reimagines the original color for something new.



231.2610, 4.3083, 18.1881



229.2230, 5.3131, 22.6064



239.8660, -10.2869, -13.9145



116.7990, 1.5781, 7.1923



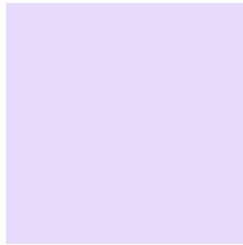
70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 226.3500, 12.6454, 4.0780 looks on a white background.

Color Contrast Check

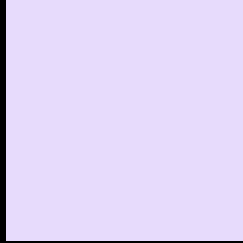
Large Text (above 18pt) WCAG AA × Fail

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 226.3500, 12.6454, 4.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

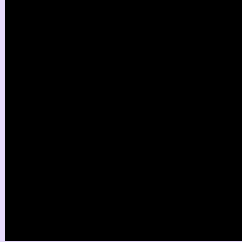
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.3500, 12.6454, 4.0780

Background



This preview shows how black text looks on a background with the YUV color 226.3500, 12.6454, 4.0780.



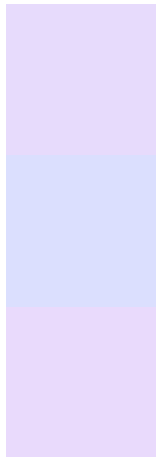
This preview shows how white text looks on a background with the YUV color 226.3500, 12.6454,

4.0780.

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

226.3500, 12.6454, 4.0780

Protanopia

225.3380, 14.1304, -5.5584

Deuteranopia

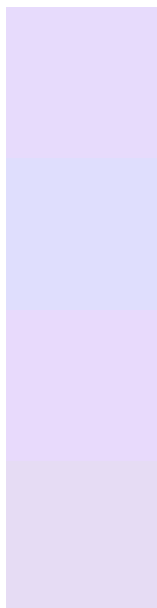
226.3610, 12.6400, 5.8224



Tritanopia

225.4440, 6.6831, 3.1186

Trichromacy



Original Color

226.3500, 12.6454, 4.0780

Protanomaly

225.8330, 13.3933, -2.4845

Deuteranomaly

226.0620, 12.7874, 5.2076

Tritanomaly

225.7260, 9.0091, 3.7483

Monochromacy



Original Color

226.3500, 12.6454, 4.0780

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.3500, 12.6454, 4.0780 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(231, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 252)  
}
```

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(231, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 252) }
```

Border

The CSS property to change the border of an element to YUV 226.3500, 12.6454, 4.0780 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(231, 219, 252) }
```


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

```
.border{ border-color:rgb(231, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 226.3500, 12.6454, 4.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 252) }
```

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

```
.background{ background-color: rgb(231,  
219, 252) }
```

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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