

Converting Colors

YUV(227.8330, 13.3933,
-2.4845)

Have a look what the booklet for
YUV(227.8330, 13.3933, -2.4845)
contains.

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Color

**YUV(227.8330, 13.3933,
-2.4845)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1E0FF |
| RGB | 225, 224, 255 |
| RGB Percent | 88%, 88%, 100% |
| CMY | 0.1176, 0.1216, 0.0000 |
| CMYK | 0.12, 0.12, 0.00, 0.00 |
| HSL | 242°, 100%, 94% |
| HSV | 242°, 12%, 100% |
| XYZ | 75.7570, 76.5389, 105.3884 |
| YIQ | 227.8330, -9.3550, 9.8530 |

Conversions

Conversions Part 2

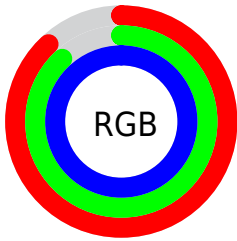
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 224, 255 |
| Decimal | 14803199 |
| CIE Lab | 90.11, 6.22, -14.89 |
| CIE LCh | 90, 16.138, 292.674 |
| Yxy | 76.5389, 0.2940, 0.2970 |
| Android (android.graphics.Color) | 4292993279 (0xFFE1E0FF) |
| YUV | 227.8330, 13.3933, -2.4845 |
| Hunter-Lab | 87.4865, 1.4668, -10.1817 |

Details

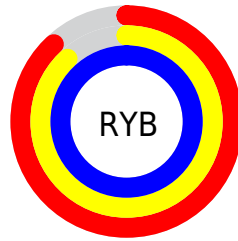
The YUV color $227.8330, 13.3933, -2.4845$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $251.1670, -13.3933, 2.4845$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.6050, 12.5197, -2.2846$ is the 20% darker color. If you saturate the color by 10%, you get $205.6830, 24.3133, -4.9840$, and if you desaturate by 10%, it is $250.5700, 2.1840, -0.4999$.

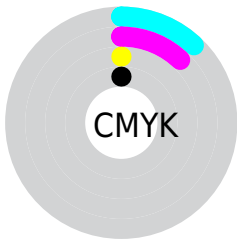
Distribution



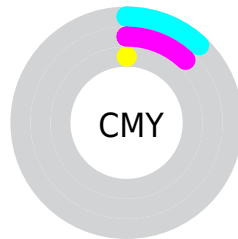
- Red (88%)
- Green (88%)
- Blue (100%)



- Red (88%)
- Yellow (88%)
- Blue (100%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8330, 13.3933, -2.4845 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 227.8330, 13.3933, -2.4845 by changing the saturation by 10% instead.

■ 227.8330, 13.3933,
-2.4845

■ 227.8330, 13.3933,
-2.4845

255.0000, 0.0000,
0.0000

■ 199.7190, 12.9565,
-2.3846

■ 172.6050, 12.5197,
-2.2846

■ 145.6050, 12.5197,
-2.2846

■ 120.0780, 11.7935,
-2.6994

■ 95.0780, 11.7935,
-2.6994

■ 71.5510, 11.0674,
-3.1142

■ 49.3230, 10.1938,

-2.9143

■ 27.9100, 9.9044,
-3.4291

■ 3.0780, 11.7935,
-2.6994

■ 227.8330, 13.3933,
-2.4845

■ 227.8330, 13.3933,
-2.4845

■ 205.6830, 24.3133,
-4.9840

■ 250.5700, 2.1840,
-0.4999

■ 183.2450, 35.3752,
-6.3539

255.0000, 0.0000,
0.0000

■ 160.5080, 46.5846,
-8.3385

■ 138.3580, 57.5045,
-10.8380

■ 116.5070, 68.2770,
-12.7226

■ 93.7700, 79.4864,
-14.7073

■ 71.6200, 90.4063,
-17.2067

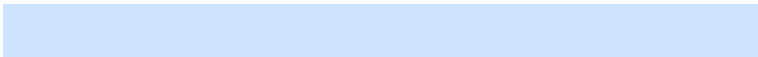
■ 49.1820, 101.4683,
-18.5766

■ 31.4620, 110.2042,
-20.5762

Harmonies

Analogous

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



225.0870, 14.7471, -16.7393



227.8330, 13.3933, -2.4845



229.2540, 8.2558, 12.0552

Triad

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



227.8330, 13.3933, -2.4845



228.5270, -12.5848, 23.2168



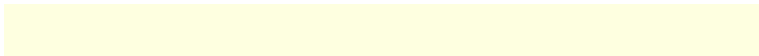
221.8460, 0.0759, -24.4209

Complementary

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



227.8330, 13.3933, -2.4845



251.1670, -13.3933, 2.4845

Split Complementary

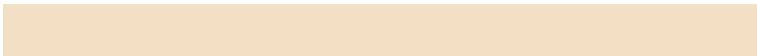
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.9740, -7.3822, -12.2552



227.8330, 13.3933, -2.4845



226.4890, -15.0311, 14.4801

Square

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



227.8330, 13.3933, -2.4845



228.1340, -6.4751, 23.5615



224.5690, -13.0985, 1.2550



221.5770, 8.0965, -30.3240

Rectangle

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



227.8330, 13.3933, -2.4845



229.9300, 2.9925, 20.2324



224.5690, -13.0985, 1.2550



221.8850, -2.4083, -20.9471

Sweetspot

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



227.8330, 13.3933, -2.4845



246.1400, 4.3680, -0.9998



245.1440, 4.8590, -18.5433



121.7980, 3.0576, -0.6998



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.



227.8330, 13.3933, -2.4845



221.6310, 16.4509, -3.1844



232.3180, 11.1822, 6.7371



116.4820, 5.6784, -1.2997



23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Inverse Universe

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



236.6890, 8.5343, 16.0587



232.5800, 10.5601, 19.6623



246.6820, -11.1822, -6.7371



120.2550, 3.3253, 6.7924



78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 227.8330, 13.3933, -2.4845 looks on a white background.

Color Contrast Check

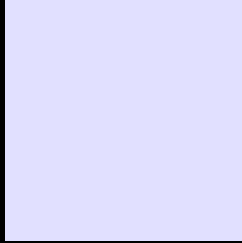
Large Text (above 18pt) WCAG AA × Fail

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 227.8330, 13.3933, -2.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

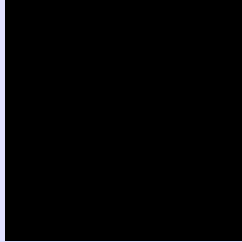
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.8330, 13.3933, -2.4845

Background



This preview shows how black text looks on a background with the YUV color 227.8330, 13.3933, -2.4845.



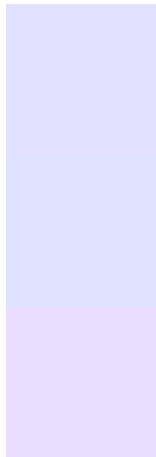
This preview shows how white text looks on a background with the YUV color 227.8330, 13.3933, -2.4845.

-2.4845.

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

227.8330, 13.3933, -2.4845

Protanopia

227.5230, 13.5462, -4.8437

Deuteranopia

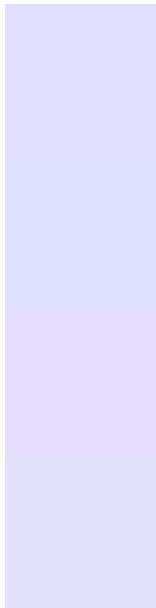
229.0620, 12.7874, 5.2076



Tritanopia

227.1550, 8.3046, -3.6439

Trichromacy



Original Color

227.8330, 13.3933, -2.4845

Protanomaly

227.8220, 13.3988, -4.2289

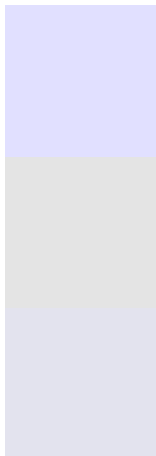
Deuteranomaly

228.4530, 13.0877, 2.2337

Tritanomaly

227.3230, 10.1938, -2.9143

Monochromacy



Original Color

227.8330, 13.3933, -2.4845

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8330, 13.3933, -2.4845 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 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(225, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 255) }
```

Border

The CSS property to change the border of an element to YUV 227.8330, 13.3933, -2.4845 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, 224, 255) }
```


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

```
.border{ border-color:rgb(225, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 227.8330, 13.3933, -2.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 255) }
```

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

```
.background{ background-color: rgb(225,  
224, 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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