

# Converting Colors

YUV(227.5030, 10.5980, 7.4519)

Have a look what the booklet for  
YUV(227.5030, 10.5980, 7.4519)  
contains.

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# Color

**YUV(227.5030, 10.5980,  
7.4519)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ECDBF9                     |
| RGB         | 236, 219, 249              |
| RGB Percent | 93%, 86%, 98%              |
| CMY         | 0.0745, 0.1412, 0.0235     |
| CMYK        | 0.05, 0.12, 0.00, 0.02     |
| HSL         | 274°, 71%, 92%             |
| HSV         | 274°, 12%, 98%             |
| XYZ         | 77.0225, 75.3355, 100.1042 |
| YIQ         | 227.5030, 0.5020, 12.9340  |

# Conversions

## Conversions Part 2

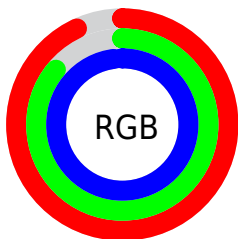
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 236, 219, 249                |
| Decimal                             | 15522809                     |
| CIE Lab                             | 89.55, 11.20, -12.49         |
| CIE LCh                             | 90, 16.776, 311.875          |
| Yxy                                 | 75.3355, 0.3051,<br>0.2984   |
| Android<br>(android.graphics.Color) | 4293712889<br>(0xFFECDBF9)   |
| YUV                                 | 227.5030, 10.5980,<br>7.4519 |
| Hunter-Lab                          | 86.7960, 6.5073,<br>-7.6236  |

# Details

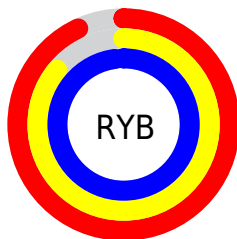
The YUV color  $227.5030, 10.5980, 7.4519$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $240.4970, -10.5980, -7.4519$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.0900, 10.3086, 6.9371$  is the 20% darker color. If you saturate the color by 10%, you get  $209.5390, 19.4543, 13.5593$ , and if you desaturate by 10%, it is  $245.4670, 1.7418, 1.3444$ .

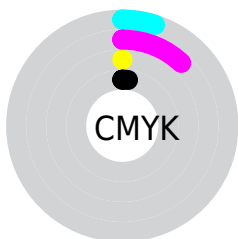
# Distribution



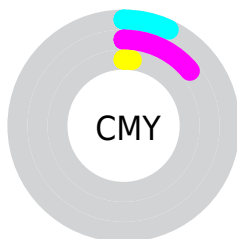
- Red (93%)
- Green (86%)
- Blue (98%)



- Red (93%)
- Yellow (86%)
- Blue (98%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (14%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 227.5030, 10.5980, 7.4519 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 227.5030, 10.5980, 7.4519 by changing the saturation by 10% instead.



227.5030, 10.5980,  
7.4519

227.5030, 10.5980,  
7.4519

255.0000, 0.0000,  
0.0000

199.3890, 10.1612,  
7.5518

172.0900, 10.3086,  
6.9371

145.5630, 9.5824,  
6.5222

119.5630, 9.5824,  
6.5222

95.1500, 9.2931,  
6.0075

71.0360, 8.8563,  
6.1074

48.6230, 8.5669,

5.5926

■ 27.6830, 7.5513,  
4.6630

■ 5.9110, 8.4249,  
4.4631

■ 227.5030, 10.5980,  
7.4519

■ 227.5030, 10.5980,  
7.4519

■ 209.5390, 19.4543,  
13.5593

■ 245.4670, 1.7418,  
1.3444

■ 191.5750, 28.3105,  
19.6667

■ 254.3160, -2.6208,  
0.5999

■ 173.9100, 37.0194,  
26.3889

■ 155.9460, 45.8756,  
32.4964

■ 137.9820, 54.7319,  
38.6038

■ 120.6050, 63.2987,  
44.1964

■ 102.6410, 72.1550,  
50.3038

■ 84.9760, 80.8638,  
57.0260

■ 70.5450, 87.9783,  
61.7890

# Harmonies

## Analogous

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



225.1420, 14.7200, -8.0175



227.5030, 10.5980, 7.4519



228.3430, 3.2819, 20.7472

# Triad

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



227.5030, 10.5980, 7.4519



225.8100, -15.1893, 18.5836



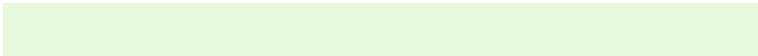
219.5940, 5.6232, -30.3389

# Complementary

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



227.5030, 10.5980, 7.4519



240.4970, -10.5980, -7.4519

# Split Complementary

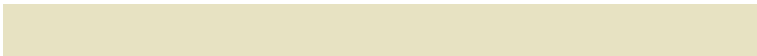
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.4720, -2.6977, -21.4619



227.5030, 10.5980, 7.4519



223.8470, -14.7146, 6.2732

# Square

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



227.5030, 10.5980, 7.4519



226.2930, -10.9904, 25.1760



222.1980, -10.4506, -8.0666



220.1300, 12.7539, -30.8090



# Rectangle

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



227.5030, 10.5980, 7.4519



227.5130, -1.2389, 24.1061



222.1980, -10.4506, -8.0666



219.9210, 2.9969, -27.9947

# Sweetspot

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



227.5030, 10.5980, 7.4519



247.9340, 3.4835, 2.6889



230.0510, 9.3419, -9.6917



122.9940, 2.4680, 1.7593



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.



227.5030, 10.5980, 7.4519



229.3830, 12.6292, 9.3111



231.1620, 7.8081, 15.6439



115.8740, 4.4991, 3.6185



53.5390, 66.7823, 46.8853



17.4190, 21.4854, 15.4185



# Inverse Universe

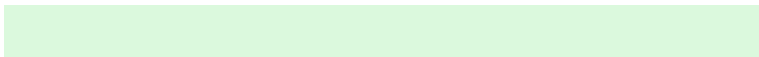
The Inverse Universe completely reimagines the original color for something new.



229.4520, 1.2562, 17.1436



231.5880, 1.6821, 20.5323



236.8380, -7.8081, -15.6439



116.5710, 0.7045, 7.3922



65.8590, 7.9575, 107.9947

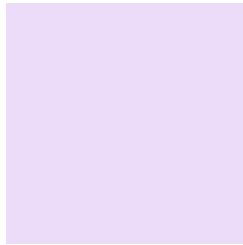


21.3170, 2.8017, 34.8020



# Previews

## White Background



This preview shows how the YUV color 227.5030, 10.5980, 7.4519 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

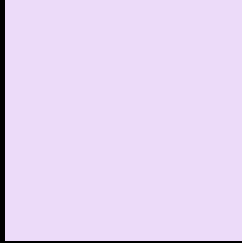
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.5030, 10.5980, 7.4519 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

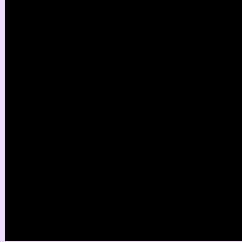
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

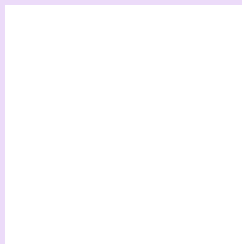
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 227.5030, 10.5980, 7.4519

## Background



This preview shows how black text looks on a background with the YUV color 227.5030, 10.5980, 7.4519.



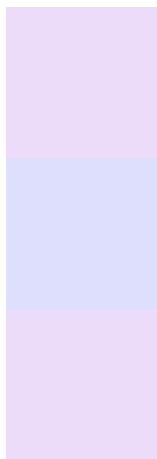
This preview shows how white text looks on a background with the YUV color 227.5030, 10.5980, 7.4519.

7.4519.

# 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

227.5030, 10.5980, 7.4519

### Protanopia

225.7080, 12.9620, -4.1289

### Deuteranopia

227.5030, 10.5980, 7.4519



## Tritanopia

226.8250, 5.5093, 6.2925

# Trichromacy



## Original Color

227.5030, 10.5980, 7.4519

## Protanomaly

226.5020, 12.0775, -0.4403

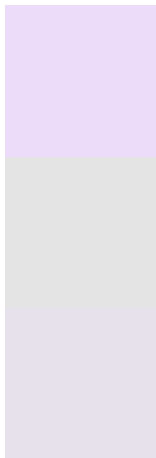
## Deuteranomaly

227.5030, 10.5980, 7.4519

## Tritanomaly

226.9930, 7.3985, 7.0221

# Monochromacy



## Original Color

227.5030, 10.5980, 7.4519

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

228.0480, 3.9203, 2.5889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.5030, 10.5980, 7.4519 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(236, 219, 249)` looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 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(236, 219, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 249) }
```

## Border

The CSS property to change the border of an element to YUV 227.5030, 10.5980, 7.4519 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(236, 219, 249) }
```



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

```
.border{ border-color:rgb(236, 219, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 219, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 249);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 227.5030, 10.5980, 7.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 249) }
```

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

```
.background{ background-color: rgb(236,  
219, 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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