

# Converting Colors

YUV(229.0290, 12.8037,  
-0.0254)

Have a look what the booklet for  
YUV(229.0290, 12.8037, -0.0254)  
contains.

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# Color

**YUV(229.0290, 12.8037,  
-0.0254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E0FF
RGB	229, 224, 255
RGB Percent	90%, 88%, 100%
CMY	0.1020, 0.1216, 0.0000
CMYK	0.10, 0.12, 0.00, 0.00
HSL	250°, 100%, 94%
HSV	250°, 12%, 100%
XYZ	77.0188, 77.1893, 105.4474
YIQ	229.0290, -6.9710, 10.7010

# Conversions

## Conversions Part 2

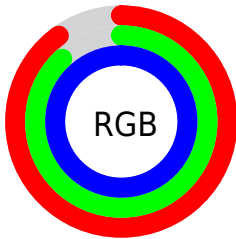
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 224, 255
Decimal	15065343
CIE <sub>Lab</sub>	90.41, 7.49, -14.41
CIE <sub>LCh</sub>	90, 16.240, 297.459
Y <sub>xy</sub>	77.1893, 0.2966, 0.2973
Android (android.graphics.Color)	4293255423 (0xFFE5E0FF)
YUV	229.0290, 12.8037, -0.0254
Hunter-Lab	87.8575, 2.7285, -9.6603

# Details

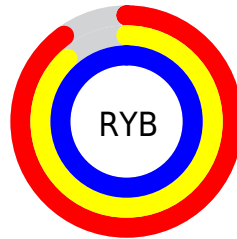
The YUV color  $229.0290, 12.8037, -0.0254$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $249.9710, -12.8037, 0.0254$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $173.5020, 12.0775, -0.4403$  is the 20% darker color. If you saturate the color by 10%, you get  $208.0750, 23.1340, -0.0658$ , and if you desaturate by 10%, it is  $250.5700, 2.1840, -0.4999$ .

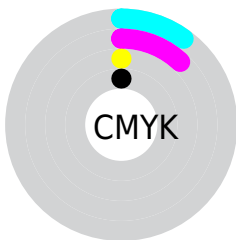
# Distribution



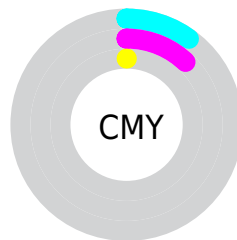
- Red (90%)
- Green (88%)
- Blue (100%)



- Red (90%)
- Yellow (88%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.0290, 12.8037, -0.0254 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 229.0290, 12.8037, -0.0254 by changing the saturation by 10% instead.



229.0290, 12.8037,  
-0.0254

229.0290, 12.8037,  
-0.0254

255.0000, 0.0000,  
0.0000

200.9150, 12.3669,  
0.0745

173.5020, 12.0775,  
-0.4403

146.8010, 11.9301,  
0.1745

121.2740, 11.2039,  
-0.2403

96.2740, 11.2039,  
-0.2403

72.7470, 10.4777,  
-0.6551

49.6330, 10.0409,

-0.5551

■ 28.8070, 9.4621,  
-1.5847

■ 4.2740, 11.2039,  
-0.2403

■ 229.0290, 12.8037,  
-0.0254

■ 229.0290, 12.8037,  
-0.0254

■ 208.0750, 23.1340,  
-0.0658

■ 250.5700, 2.1840,  
-0.4999

■ 186.2350, 33.9011,  
-0.2061

255.0000, 0.0000,  
0.0000

■ 164.6940, 44.5209,  
0.2684

■ 143.4410, 54.9986,  
-0.3868

■ 122.4870, 65.3289,  
-0.4271

■ 100.9460, 75.9486,  
0.0474

■ 79.6930, 86.4264,  
-0.6078

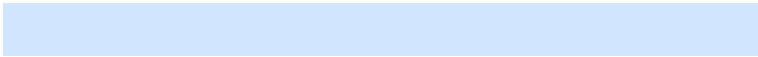
■ 58.1520, 97.0461,  
-0.1333

■ 41.3290, 105.3398,  
-0.2885

# Harmonies

## Analogous

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



225.9840, 14.3049, -14.8950



229.0290, 12.8037, -0.0254



230.2220, 6.7926, 14.7143

# Triad

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



229.0290, 12.8037, -0.0254



229.0000, -13.3110, 22.8020



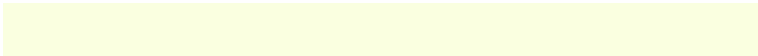
222.5900, 1.6811, -25.9504

# Complementary

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



229.0290, 12.8037, -0.0254



249.9710, -12.8037, 0.0254

# 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.



223.7780, -6.7926, -14.7143



229.0290, 12.8037, -0.0254



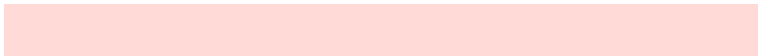
227.4780, -15.0257, 12.7358

# Square

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



229.0290, 12.8037, -0.0254



228.6070, -7.2013, 23.1467



225.3730, -12.5089, -1.2041



222.2180, 9.2595, -30.0092



# Rectangle

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



229.0290, 12.8037, -0.0254



231.0010, 1.9715, 21.0471



225.3730, -12.5089, -1.2041



222.5150, -1.2399, -22.3767

# Sweetspot

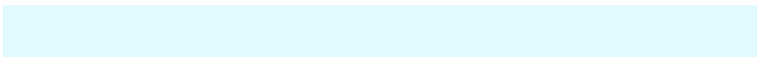
The Sweet Spot groups the original color and five complimentary colors.



229.0290, 12.8037, -0.0254



246.4390, 4.2206, -0.3850



242.7960, 6.0166, -16.4841



122.0970, 2.9102, -0.0851



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.



229.0290, 12.8037, -0.0254



223.1260, 15.7139, -0.1105



233.5140, 10.5926, 9.1962



117.0800, 5.3836, -0.0702



31.0430, 78.8588, -0.0377



10.2860, 26.4810, -0.2508



# Inverse Universe

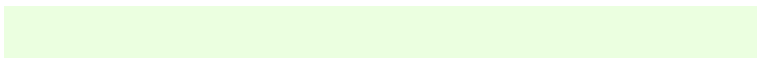
The Inverse Universe completely reimagines the original color for something new.



236.2330, 6.7871, 16.4587



232.0100, 8.3761, 20.1622



245.4860, -10.5926, -9.1962



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469



# Previews

## White Background



This preview shows how the YUV color 229.0290, 12.8037, -0.0254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

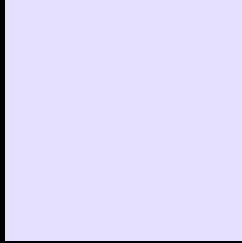
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.0290, 12.8037, -0.0254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

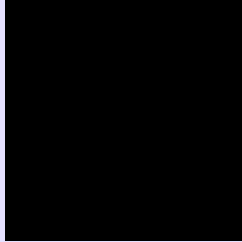
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.0290, 12.8037, -0.0254

## Background



This preview shows how black text looks on a background with the YUV color 229.0290, 12.8037, -0.0254.



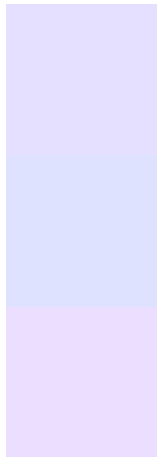
This preview shows how white text looks on a background with the YUV color 229.0290, 12.8037, -0.0254.

-0.0254.

# 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

229.0290, 12.8037, -0.0254

### Protanopia

228.4090, 13.1094, -4.7437

### Deuteranopia

229.9480, 12.3506, 5.3076



## Tritanopia

228.3510, 7.7150, -1.1848

# Trichromacy



## Original Color

229.0290, 12.8037, -0.0254

## Protanomaly

228.4200, 13.1039, -2.9993

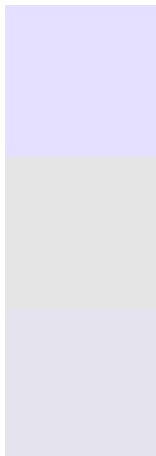
## Deuteranomaly

229.6380, 12.5035, 2.9485

## Tritanomaly

228.5190, 9.6041, -0.4552

# Monochromacy



## Original Color

229.0290, 12.8037, -0.0254

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.8520, 4.5100, 0.1298

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.0290, 12.8037, -0.0254 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(229, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 255) }
```

## Border

The CSS property to change the border of an element to YUV 229.0290, 12.8037, -0.0254 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(229, 224, 255) }
```



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

```
.border{ border-color:rgb(229, 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(229, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 229.0290, 12.8037, -0.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 255) }
```

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

```
.background{ background-color: rgb(229,  
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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