

# Converting Colors

YUV(224.2630, 14.6603,  
11.1703)

Have a look what the booklet for  
YUV(224.2630, 14.6603, 11.1703)  
contains.

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# Color

**YUV(224.2630, 14.6603,  
11.1703)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDD4FE
RGB	237, 212, 254
RGB Percent	93%, 83%, 100%
CMY	0.0706, 0.1686, 0.0039
CMYK	0.07, 0.17, 0.00, 0.00
HSL	276°, 95%, 91%
HSV	276°, 17%, 100%
XYZ	76.3579, 72.2472, 103.6865
YIQ	224.2630, 1.4180, 18.3620

# Conversions

## Conversions Part 2

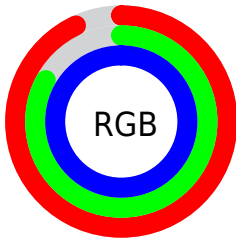
Format	Color
R <sub>Y</sub> B	237, 212, 254
Decimal	15586558
CIE Lab	88.09, 16.16, -17.31
CIE LCh	88, 23.675, 313.035
Yxy	72.2472, 0.3027, 0.2864
Android (android.graphics.Color)	4293776638 (0xFFEDD4FE)
YUV	224.2630, 14.6603, 11.1703
Hunter-Lab	84.9984, 11.6075, -12.8269

# Details

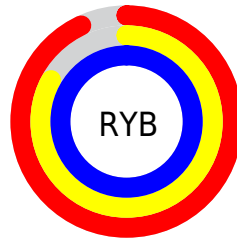
The YUV color  $224.2630, 14.6603, 11.1703$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $241.7370, -14.6603, -11.1703$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $168.7360, 13.9342, 10.7555$  is the 20% darker color. If you saturate the color by 10%, you get  $206.5980, 23.3692, 17.8926$ , and if you desaturate by 10%, it is  $241.9280, 5.9515, 4.4481$ .

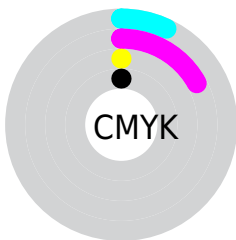
# Distribution



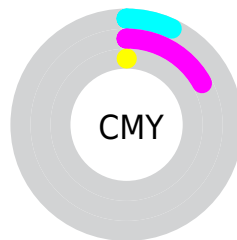
- Red (93%)
- Green (83%)
- Blue (100%)



- Red (93%)
- Yellow (83%)
- Blue (100%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.2630, 14.6603, 11.1703 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 224.2630, 14.6603, 11.1703 by changing the saturation by 10% instead.



224.2630, 14.6603,  
11.1703

224.2630, 14.6603,  
11.1703

255.0000, 0.0000,  
0.0000

196.1490, 14.2235,  
11.2703

168.7360, 13.9342,  
10.7555

142.3230, 13.6448,  
10.2407

116.7960, 12.9186,  
9.8259

92.0840, 12.7766,  
8.6963

67.9700, 12.3398,  
8.7963

46.0300, 11.3242,

7.8667

■ 24.6170, 11.0348,  
7.3519

■ 4.4590, 10.6197,  
0.4745

■ 224.2630, 14.6603,  
11.1703

■ 224.2630, 14.6603,  
11.1703

■ 206.5980, 23.3692,  
17.8926

■ 241.9280, 5.9515,  
4.4481

■ 188.0470, 32.5148,  
24.5148

254.8860, -0.4368,  
0.1000

■ 170.3820, 41.2237,  
31.2370

■ 152.1300, 50.2219,  
38.4740

■ 134.4650, 58.9308,  
45.1962

■ 116.5010, 67.7870,  
51.3036

■ 98.2490, 76.7852,  
58.5406

■ 80.5840, 85.4941,  
65.2628

■ 74.1050, 88.6882,  
67.4369

# Harmonies

## Analogous

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



220.4020, 17.0568, -10.8766



224.2630, 14.6603, 11.1703



223.9570, 5.4442, 27.2247

# Triad

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



224.2630, 14.6603, 11.1703



221.2470, -21.3208, 25.2164



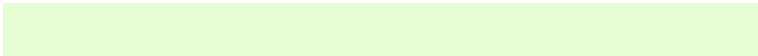
212.0160, 8.8661, -43.8640

# Complementary

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



224.2630, 14.6603, 11.1703



241.7370, -14.6603, -11.1703

# 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.



213.5910, -3.2494, -31.2133



224.2630, 14.6603, 11.1703



219.2510, -20.8297, 7.6729

# Square

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



224.2630, 14.6603, 11.1703



220.7020, -14.6431, 30.0793



216.2530, -13.9287, -12.4999



213.2360, 18.6177, -44.9340



# Rectangle

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



224.2630, 14.6603, 11.1703



221.5460, -1.2552, 29.3392



216.2530, -13.9287, -12.4999



212.3000, 4.7821, -40.6051

# Sweetspot

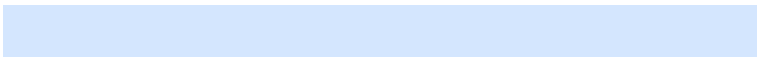
The Sweet Spot groups the original color and five complimentary colors.



224.2630, 14.6603, 11.1703



245.8740, 4.4991, 3.6185



227.3540, 13.1365, -13.4655



122.1080, 2.9048, 1.6593



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.



224.2630, 14.6603, 11.1703



218.7840, 17.8545, 13.3444



229.0040, 10.8440, 21.9215



118.5750, 4.6465, 3.0037



55.8600, 66.6240, 50.9888



18.6580, 22.3536, 16.9629



# Inverse Universe

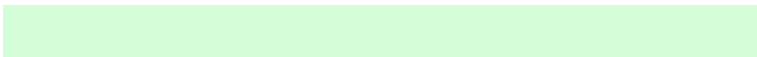
The Inverse Universe completely reimagines the original color for something new.



226.4960, 1.2345, 24.1210



221.6430, 1.6550, 29.2541



237.1100, -10.4072, -22.0215



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241

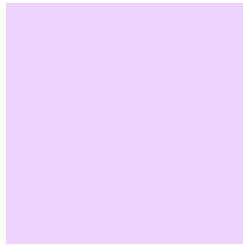


22.1000, 1.9227, 36.7463



# Previews

## White Background



This preview shows how the YUV color 224.2630, 14.6603, 11.1703 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

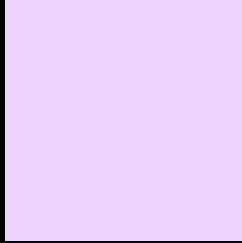
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.2630, 14.6603, 11.1703 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 224.2630, 14.6603, 11.1703

## Background



This preview shows how black text looks on a background with the YUV color 224.2630, 14.6603, 11.1703.



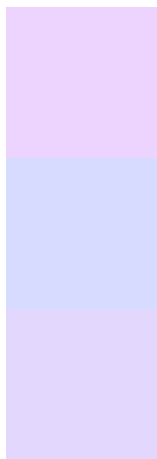
This preview shows how white text looks on a background with the YUV color 224.2630, 14.6603,



# 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

224.2630, 14.6603, 11.1703

### Protanopia

221.6090, 16.4618, -6.6731

### Deuteranopia

222.9200, 14.8294, 3.5782



## Tritanopia

223.3200, 4.7722, 9.3664

# Trichromacy



## Original Color

224.2630, 14.6603, 11.1703

## Protanomaly

222.2400, 16.1507, -0.2105

## Deuteranomaly

223.5290, 14.5292, 6.5521

## Tritanomaly

223.9440, 8.4086, 9.6961

# Monochromacy



## Original Color

224.2630, 14.6603, 11.1703

## Achromatopsia

224.0000, 0.0000, 0.0000

## Achromatomaly

224.4010, 5.2253, 4.0333

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.2630, 14.6603, 11.1703 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(237, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 254)  
}
```

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(237, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 254) }
```

## Border

The CSS property to change the border of an element to YUV 224.2630, 14.6603, 11.1703 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(237, 212, 254) }
```



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

```
.border{ border-color:rgb(237, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 224.2630, 14.6603, 11.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 254) }
```

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

```
.background{ background-color: rgb(237,  
212, 254) }
```

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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