

# Converting Colors

YUV(225.4180, 2.7519, 4.0184)

Have a look what the booklet for  
YUV(225.4180, 2.7519, 4.0184)  
contains.

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# Color

**YUV(225.4180, 2.7519,  
4.0184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DEE7
RGB	230, 222, 231
RGB Percent	90%, 87%, 91%
CMY	0.0980, 0.1294, 0.0941
CMYK	0.00, 0.04, 0.00, 0.09
HSL	293°, 16%, 89%
HSV	293°, 4%, 91%
XYZ	73.1782, 74.8351, 86.1890
YIQ	225.4180, 1.8790, 4.4950

# Conversions

## Conversions Part 2

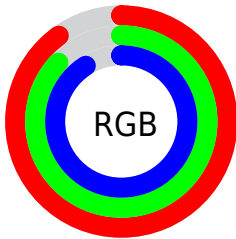
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 222, 231
Decimal	15130343
CIE <sub>Lab</sub>	89.32, 4.32, -3.43
CIE <sub>LCh</sub>	89, 5.516, 321.541
Yxy	74.8351, 0.3125, 0.3195
Android (android.graphics.Color)	4293320423 (0xFFE6DEE7)
<b>YUV</b>	225.4180, 2.7519, 4.0184
Hunter-Lab	86.5073, -0.3910, 1.4832

# Details

The YUV color `225.4180, 2.7519, 4.0184` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `227.5820, -2.7519, -4.0184`, and the grayscale version is `225.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `170.3040, 2.3151, 4.1184` is the 20% darker color. If you saturate the color by 10%, you get `211.0200, 9.8501, 14.0145`, and if you desaturate by 10%, it is `239.8160, -4.3463, -5.9776`.

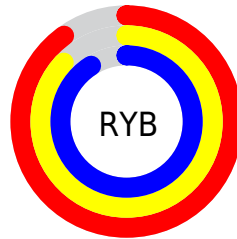
# Distribution



Red (90%)

Green (87%)

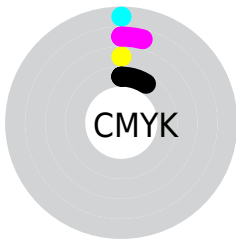
Blue (91%)



Red (90%)

Yellow (87%)

Blue (91%)

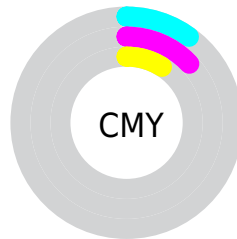


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (13%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.4180, 2.7519, 4.0184 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 225.4180, 2.7519, 4.0184 by changing the saturation by 10% instead.



■ 225.4180, 2.7519,  
4.0184

■ 225.4180, 2.7519,  
4.0184

255.0000, 0.0000,  
0.0000

■ 197.4180, 2.7519,  
4.0184

■ 170.3040, 2.3151,  
4.1184

■ 144.0050, 2.4625,  
3.5036

■ 118.0050, 2.4625,  
3.5036

■ 93.5920, 2.1731,  
2.9888

■ 69.8910, 2.0257,  
3.6036

■ 47.5920, 2.1731,

2.9888

■ 26.5920, 2.1731,  
2.9888

■ 0.9830, 2.4734,  
0.0149

■ 225.4180, 2.7519,  
4.0184

■ 225.4180, 2.7519,  
4.0184

■ 211.0200, 9.8501,  
14.0145

■ 239.8160, -4.3463,  
-5.9776

■ 196.9210, 16.8009,  
24.6253

■ 246.2840, -7.5350,  
-9.8961

■ 182.5230, 23.8992,  
34.6213

■ 247.1810, -7.9772,  
-8.0517

■ 168.4240, 30.8500,  
45.2322

■ 247.7790, -8.2720,  
-6.8222

154.0260, 37.9482,  
55.2282

248.6760, -8.7143,  
-4.9779

139.3400, 45.1884,  
66.3538

249.2740, -9.0091,  
-3.7483

124.9420, 52.2866,  
76.3499

250.1710, -9.4513,  
-1.9040

110.5440, 59.3848,  
86.3459

251.0680, -9.8935,  
-0.0596

96.4450, 66.3356,  
96.9567

251.6660,  
-10.1883, 1.1699

# Harmonies

## Analogous

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



225.1400, 4.3680, -0.9998



225.4180, 2.7519, 4.0184



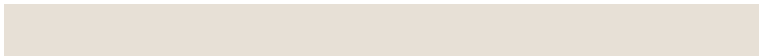
225.7560, 0.1203, 8.1070

# Triad

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



225.4180, 2.7519, 4.0184



224.9530, -5.3998, 5.3032



223.2160, 2.3585, -9.8364

# Complementary

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



225.4180, 2.7519, 4.0184



227.5820, -2.7519, -4.0184

# 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.



223.2440, -0.1203, -8.1070



225.4180, 2.7519, 4.0184



223.8600, -4.3680, 0.9998

# Square

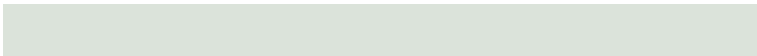
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.4180, 2.7519, 4.0184



225.2030, -4.5371, 8.5920



223.5820, -2.7519, -4.0184



223.3840, 4.2477, -9.1068



# Rectangle

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



225.4180, 2.7519, 4.0184



225.5990, -1.7743, 9.1217



223.5820, -2.7519, -4.0184



222.9880, 1.4849, -9.6365

# Sweetspot

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



225.4180, 2.7519, 4.0184



253.2390, 0.8682, 1.5444



223.6130, 3.6418, -1.4146



126.5270, 0.7262, 0.4148



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.



225.4180, 2.7519, 4.0184



247.0700, 3.9095, 6.0776



225.3750, 1.2941, 4.9331



110.5920, 2.1731, 2.9888



67.9470, 54.7491, 79.8535

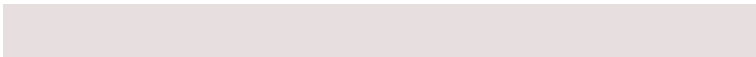


19.2690, 15.6434, 22.5661



# Inverse Universe

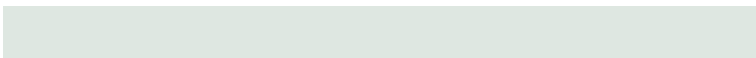
The Inverse Universe completely reimagines the original color for something new.



224.8050, -0.8899, 5.4330



246.1150, -1.0427, 7.7921



227.6250, -1.2941, -4.9331



110.2070, -0.5951, 4.2035



55.8010, -17.6499, 108.0455

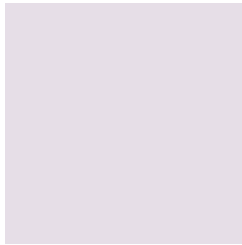


15.9330, -4.8970, 30.7538



# Previews

## White Background



This preview shows how the YUV color 225.4180, 2.7519, 4.0184 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

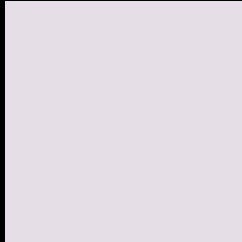
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.4180, 2.7519, 4.0184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

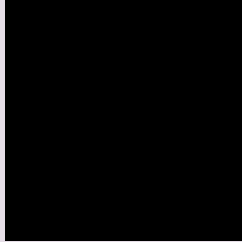
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

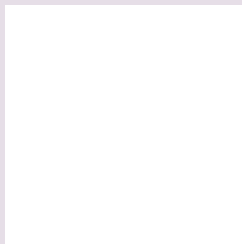
Any Text WCAG AAA ✓ Pass

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

# YUV 225.4180, 2.7519, 4.0184 Background



This preview shows how black text looks on a background with the YUV color 225.4180, 2.7519, 4.0184.



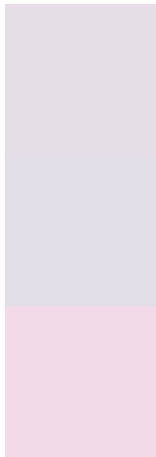
This preview shows how white text looks on a background with the YUV color 225.4180, 2.7519,

4.0184.

# 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

225.4180, 2.7519, 4.0184

### Protanopia

224.9230, 3.4890, 0.9445

### Deuteranopia

227.0710, 2.4300, 13.9697



## Tritanopia

225.9280, 5.9515, 4.4481

# Trichromacy



## Original Color

225.4180, 2.7519, 4.0184

## Protanomaly

225.2220, 3.3416, 1.5593

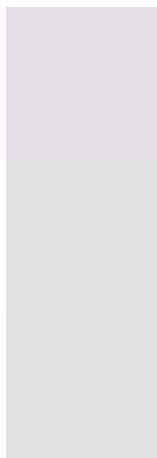
## Deuteranomaly

226.1630, 2.8776, 10.3810

## Tritanomaly

225.5860, 4.6411, 4.7481

# Monochromacy



## Original Color

225.4180, 2.7519, 4.0184

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.2390, 0.8682, 1.5444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.4180, 2.7519, 4.0184 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(230, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 231)  
}
```

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(230, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 231) }
```

## Border

The CSS property to change the border of an element to YUV 225.4180, 2.7519, 4.0184 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(230, 222, 231) }
```



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

```
.border{ border-color:rgb(230, 222, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 225.4180, 2.7519, 4.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 231) }
```

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

```
.background{ background-color: rgb(230,  
222, 231) }
```

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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