

# Converting Colors

YUV(222.0700, 3.9095, 6.0776)

Have a look what the booklet for  
YUV(222.0700, 3.9095, 6.0776)  
contains.

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# Color

**YUV(222.0700, 3.9095,  
6.0776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D9E6
RGB	229, 217, 230
RGB Percent	90%, 85%, 90%
CMY	0.1020, 0.1490, 0.0980
CMYK	0.00, 0.06, 0.00, 0.10
HSL	295°, 21%, 88%
HSV	295°, 6%, 90%
XYZ	71.4089, 71.9969, 84.9960
YIQ	222.0700, 2.9790, 6.5870

# Conversions

## Conversions Part 2

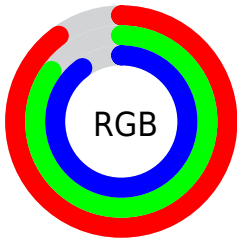
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 217, 230
Decimal	15063526
CIE <sub>Lab</sub>	87.97, 6.41, -4.90
CIE <sub>LCh</sub>	88, 8.066, 322.608
Yxy	71.9969, 0.3126, 0.3152
Android (android.graphics.Color)	4293253606 (0xFFE5D9E6)
YUV	222.0700, 3.9095, 6.0776
Hunter-Lab	84.8510, 1.7328, 0.0043

# Details

The YUV color `222.0700, 3.9095, 6.0776` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224.9300, -3.9095, -6.0776`, and the grayscale version is `222.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `167.0700, 3.9095, 6.0776` is the 20% darker color. If you saturate the color by 10%, you get `207.9710, 10.8603, 16.6884`, and if you desaturate by 10%, it is `236.1690, -3.0413, -4.5332`.

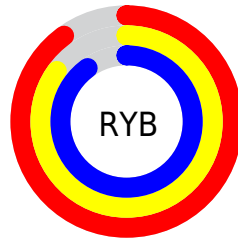
# Distribution



Red (90%)

Green (85%)

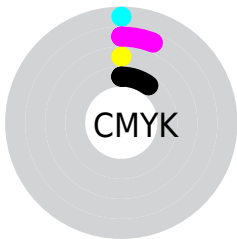
Blue (90%)



Red (90%)

Yellow (85%)

Blue (90%)

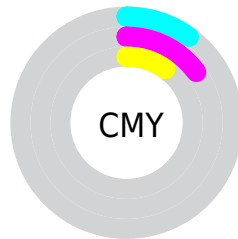


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.0700, 3.9095, 6.0776 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 222.0700, 3.9095, 6.0776 by changing the saturation by 10% instead.



■ 222.0700, 3.9095,  
6.0776

■ 222.0700, 3.9095,  
6.0776

255.0000, 0.0000,  
0.0000

■ 194.0700, 3.9095,  
6.0776

■ 167.0700, 3.9095,  
6.0776

■ 140.6570, 3.6201,  
5.5628

■ 115.2440, 3.3307,  
5.0480

■ 90.2440, 3.3307,  
5.0480

■ 67.2440, 3.3307,  
5.0480

■ 44.8310, 3.0413,

4.5332

■ 24.4180, 2.7519,  
4.0184

■ 0.3420, 1.3104,  
-0.2999

■ 222.0700, 3.9095,  
6.0776

■ 222.0700, 3.9095,  
6.0776

■ 207.9710, 10.8603,  
16.6884

■ 236.1690, -3.0413,  
-4.5332

■ 193.8720, 17.8111,  
27.2993

■ 245.5720, -7.6770,  
-11.0256

■ 180.0720, 24.6145,  
38.5249

■ 245.8710, -7.8244,  
-10.4109

■ 165.9730, 31.5653,  
49.1357

■ 246.4690, -8.1192,  
-9.1813

151.8740, 38.5161,  
59.7465

247.0670, -8.4140,  
-7.9518

137.7750, 45.4669,  
70.3573

247.6650, -8.7088,  
-6.7222

123.9750, 52.2703,  
81.5829

247.9640, -8.8563,  
-6.1074

109.8760, 59.2211,  
92.1937

248.5620, -9.1511,  
-4.8779

95.7770, 66.1719,  
102.8046

249.1600, -9.4459,  
-3.6483

# Harmonies

## Analogous

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



221.1230, 6.8414, -0.9849



222.0700, 3.9095, 6.0776



222.4790, 0.2569, 10.9809

# Triad

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



222.0700, 3.9095, 6.0776



220.5080, -7.1524, 7.4475



218.2370, 3.8272, -14.2398

# Complementary

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



222.0700, 3.9095, 6.0776



224.9300, -3.9095, -6.0776

# 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.



218.2220, -0.1094, -11.5957



222.0700, 3.9095, 6.0776



219.8770, -6.8414, 0.9849

# Square

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



222.0700, 3.9095, 6.0776



221.4700, -6.1477, 11.8658



218.9300, -3.9095, -6.0776



218.9320, 6.4425, -13.0954



# Rectangle

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



222.0700, 3.9095, 6.0776



222.5070, -2.2220, 12.7104



218.9300, -3.9095, -6.0776



218.0090, 2.9536, -14.0399

# Sweetspot

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



222.0700, 3.9095, 6.0776



252.0650, 1.4470, 2.5740



219.0690, 5.3890, -1.8145



125.9400, 1.0156, 0.9296



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.



222.0700, 3.9095, 6.0776



244.1350, 5.3564, 8.6516



221.7990, 1.5781, 7.1923



109.4180, 2.7519, 4.0184



69.7410, 53.8647, 83.5421



19.8670, 15.3486, 23.7956



# Inverse Universe

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



221.0010, -1.4795, 7.8921



242.6100, -1.7797, 10.8660



225.2010, -1.5781, -7.1923



108.6910, -1.3267, 5.5330



55.1170, -20.2707, 108.6454

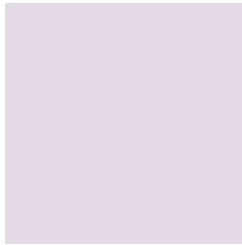


15.7050, -5.7706, 30.9537



# Previews

## White Background



This preview shows how the YUV color 222.0700, 3.9095, 6.0776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

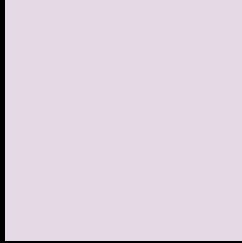
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.0700, 3.9095, 6.0776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

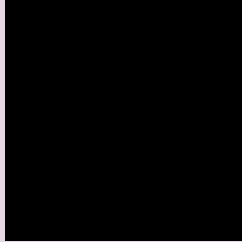
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

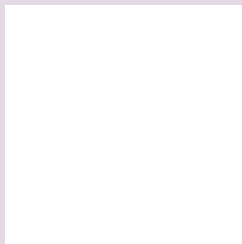
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 222.0700, 3.9095, 6.0776

## Background



This preview shows how black text looks on a background with the YUV color 222.0700, 3.9095, 6.0776.



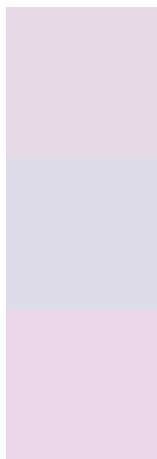
This preview shows how white text looks on a background with the YUV color 222.0700, 3.9095,

6.0776.

# 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

222.0700, 3.9095, 6.0776

### Protanopia

220.9660, 4.9468, 0.0298

### Deuteranopia

222.8150, 4.0352, 12.4402



## Tritanopia

222.1240, 5.3619, 6.9073

# Trichromacy



## Original Color

222.0700, 3.9095, 6.0776

## Protanomaly

221.2760, 4.7939, 2.3889

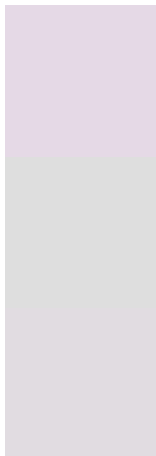
## Deuteranomaly

222.5050, 4.1880, 10.0811

## Tritanomaly

222.0100, 4.9251, 7.0072

# Monochromacy



## Original Color

222.0700, 3.9095, 6.0776

## Achromatopsia

222.0000, 0.0000, 0.0000

## Achromatomaly

222.0650, 1.4470, 2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.0700, 3.9095, 6.0776 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, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 217, 230)  
}
```

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, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 230) }
```

## Border

The CSS property to change the border of an element to YUV 222.0700, 3.9095, 6.0776 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, 217, 230) }
```



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

```
.border{ border-color:rgb(229, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 222.0700, 3.9095, 6.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 230) }
```

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

```
.background{ background-color: rgb(229,  
217, 230) }
```

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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