

# Converting Colors

YUV(222.6500, 7.5676, -0.5700)

Have a look what the booklet for  
YUV(222.6500, 7.5676, -0.5700)  
contains.

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# Color

**YUV(222.6500, 7.5676,  
-0.5700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEDCEE
RGB	222, 220, 238
RGB Percent	87%, 86%, 93%
CMY	0.1294, 0.1373, 0.0667
CMYK	0.07, 0.08, 0.00, 0.07
HSL	247°, 35%, 90%
HSV	247°, 8%, 93%
XYZ	71.1500, 72.8890, 91.2079
YIQ	222.6500, -4.5860, 6.0220

# Conversions

## Conversions Part 2

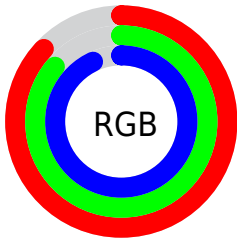
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 220, 238
Decimal	14605550
CIE Lab	88.39, 4.02, -8.54
CIE LCh	88, 9.439, 295.176
Yxy	72.8890, 0.3024, 0.3098
Android (android.graphics.Color)	4292795630 (0xFFDEDCEE)
YUV	222.6500, 7.5676, -0.5700
Hunter-Lab	85.3751, -0.6478, -3.5781

# Details

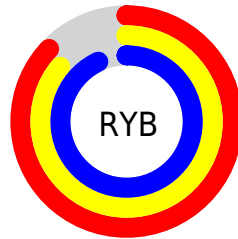
The YUV color  $222.6500, 7.5676, -0.5700$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $235.3500, -7.5675, 0.5701$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $167.5360, 7.1308, -0.4701$  is the 20% darker color. If you saturate the color by 10%, you get  $202.2830, 17.6085, -1.1252$ , and if you desaturate by 10%, it is  $243.0170, -2.4734, -0.0149$ .

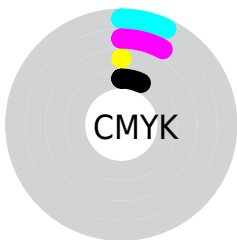
# Distribution



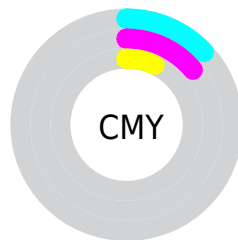
- Red (87%)
- Green (86%)
- Blue (93%)



- Red (87%)
- Yellow (86%)
- Blue (93%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.6500, 7.5676, -0.5700 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 222.6500, 7.5676, -0.5700 by changing the saturation by 10% instead.



■ 222.6500, 7.5676,  
-0.5700

■ 222.6500, 7.5676,  
-0.5700

255.0000, 0.0000,  
0.0000

■ 194.6500, 7.5676,  
-0.5700

■ 167.5360, 7.1308,  
-0.4701

■ 141.1230, 6.8414,  
-0.9849

■ 115.4220, 6.6940,  
-0.3701

■ 91.0090, 6.4046,  
-0.8849

■ 67.8950, 5.9678,  
-0.7849

■ 45.1940, 5.8204,

-0.1701

■ 24.7810, 5.5310,  
-0.6849

■ 2.1830, 5.8258,  
-1.9145

■ 222.6500, 7.5676,  
-0.5700

■ 222.6500, 7.5676,  
-0.5700

■ 202.2830, 17.6085,  
-1.1252

■ 243.0170, -2.4734,  
-0.0149

■ 181.9160, 27.6494,  
-1.6803

■ 253.0620, -7.4256,  
1.6996

■ 162.1360, 37.4010,  
-2.7503

■ 141.4700, 47.5893,  
-3.9202

■ 121.1030, 57.6302,  
-4.4753

■ 100.7360, 67.6712,  
-5.0305

■ 80.3690, 77.7121,  
-5.5856

■ 60.5890, 87.4636,  
-6.6556

■ 40.2220, 97.5046,  
-7.2107

# Harmonies

## Analogous

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



221.2360, 8.7577, -8.9770



222.6500, 7.5676, -0.5700



223.1950, 4.3409, 7.7220

# Triad

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



222.6500, 7.5676, -0.5700



223.0250, -7.9003, 14.0101



219.0260, 0.4802, -14.0548

# Complementary

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



222.6500, 7.5676, -0.5700



235.3500, -7.5675, 0.5701

# Split Complementary

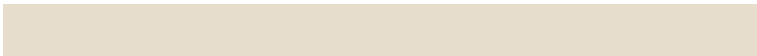
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.8050, -4.3409, -7.7220



222.6500, 7.5676, -0.5700



222.0520, -8.8996, 7.8474

# Square

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



222.6500, 7.5676, -0.5700



223.6600, -4.2694, 16.0842



221.0510, -7.4201, -0.0447



219.1550, 4.8536, -16.7989



# Rectangle

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



222.6500, 7.5676, -0.5700



223.8320, 1.5618, 12.4253



221.0510, -7.4201, -0.0447



219.2820, -1.1250, -12.5253

# Sweetspot

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



222.6500, 7.5676, -0.5700



250.5700, 2.1840, -0.4999



231.4440, 3.2321, -10.0364



125.3420, 1.3104, -0.2999



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.



222.6500, 7.5676, -0.5700



235.5190, 9.6041, -0.4552



225.3410, 6.2409, 4.9629



109.6670, 5.0942, -0.5850



26.9560, 77.4227, -6.1004



8.1780, 23.5762, -1.9101



# Inverse Universe

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



227.2060, 4.3354, 9.4663



241.1570, 5.3456, 12.1403



232.6590, -6.2409, -4.9629



112.8420, 3.0359, 6.2776



73.5980, 44.0752, 96.8226

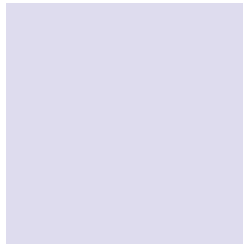


22.4440, 13.5851, 29.4286



# Previews

## White Background



This preview shows how the YUV color 222.6500, 7.5676, -0.5700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

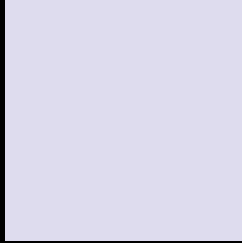
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.6500, 7.5676, -0.5700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

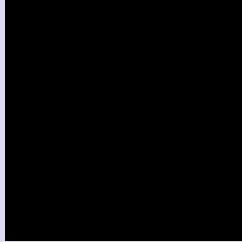
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 222.6500, 7.5676, -0.5700

## Background



This preview shows how black text looks on a background with the YUV color 222.6500, 7.5676, -0.5700.



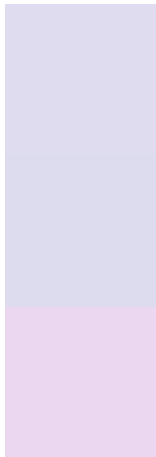
This preview shows how white text looks on a background with the YUV color 222.6500, 7.5676, -0.5700.

-0.5700.

# 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

222.6500, 7.5676, -0.5700

### Protanopia

222.3510, 7.7150, -1.1848

### Deuteranopia

223.7160, 7.5350, 9.8961



## Tritanopia

222.5360, 7.1308, -0.4701

# Trichromacy



## Original Color

222.6500, 7.5676, -0.5700

## Protanomaly

222.3510, 7.7150, -1.1848

## Deuteranomaly

223.3950, 7.6933, 5.7926

## Tritanomaly

222.5360, 7.1308, -0.4701

# Monochromacy



## Original Color

222.6500, 7.5676, -0.5700

## Achromatopsia

223.0000, 0.0000, 0.0000

## Achromatomaly

222.9830, 2.4734, 0.0149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.6500, 7.5676, -0.5700 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(222, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 220, 238)  
}
```

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(222, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 238) }
```

## Border

The CSS property to change the border of an element to YUV 222.6500, 7.5676, -0.5700 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(222, 220, 238) }
```



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

```
.border{ border-color:rgb(222, 220, 238) }
```

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

Here you see how a box with a 4 pixel rgb(222, 220, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 220,  
238) }
```

# Background

The CSS property to change the background color of an element to YUV 222.6500, 7.5676, -0.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 220, 238) }
```

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

```
.background{ background-color: rgb(222,  
220, 238) }
```

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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