

# Converting Colors

YUV(185.6500, 17.9206,  
38.8950)

Have a look what the booklet for  
YUV(185.6500, 17.9206, 38.8950)  
contains.

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# Color

**YUV(185.6500, 17.9206,  
38.8950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E69CDE
RGB	230, 156, 222
RGB Percent	90%, 61%, 87%
CMY	0.0980, 0.3882, 0.1294
CMYK	0.00, 0.32, 0.03, 0.10
HSL	306°, 60%, 76%
HSV	306°, 32%, 90%
XYZ	57.7064, 45.8739, 74.9203
YIQ	185.6500, 22.9180, 36.2140

# Conversions

## Conversions Part 2

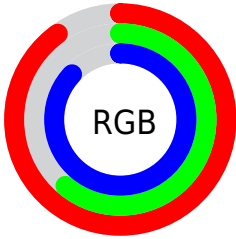
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">230, 156, 222</a>
Decimal	<a href="#">15113438</a>
CIELab	<a href="#">73.46, 37.76, -22.32</a>
CIELCh	<a href="#">73, 43.865, 329.415</a>
Yxy	<a href="#">45.8739, 0.3233, 0.2570</a>
Android (android.graphics.Color)	<a href="#">4293303518 (0xFFE69CDE)</a>
YUV	<a href="#">185.6500, 17.9206, 38.8950</a>
Hunter-Lab	<a href="#">67.7302, 33.5547, -18.1729</a>

# Details

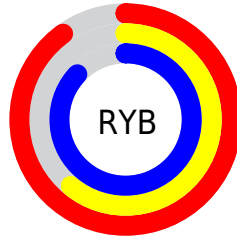
The YUV color **185.6500, 17.9206, 38.8950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **200.3500, -17.9205, -38.8949**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.7332, 22.6512**, and **131.2260, 17.6366, 36.6358** is the 20% darker color. If you saturate the color by 10%, you get **171.9210, 23.7029, 50.9353**, and if you desaturate by 10%, it is **199.3790, 12.1382, 26.8546**.

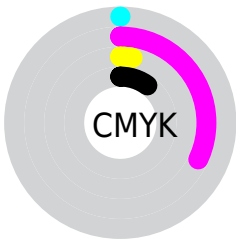
# Distribution



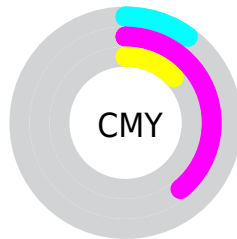
- Red (90%)
- Green (61%)
- Blue (87%)



- Red (90%)
- Yellow (61%)
- Blue (87%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.6500, 17.9206, 38.8950 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 185.6500, 17.9206, 38.8950 by changing the saturation by 10% instead.



185.6500, 17.9206,  
38.8950

185.6500, 17.9206,  
38.8950

255.0000, 0.0000,  
0.0000

157.9380, 17.7786,  
37.7654

229.1720, 12.7332,  
22.6512

131.2260, 17.6366,  
36.6358

246.1950, 4.3409,  
7.7220

105.4000, 17.0578,  
35.6062

79.8020, 17.3526,  
34.3766

54.8020, 17.3526,  
34.3766

27.8560, 18.8050,  
35.2063

18.4710, 12.5858,

23.2659

■ 6.2100, 8.2775,  
5.0778

■ 0.0000, 0.0000,  
0.0000

■ 185.6500, 17.9206,  
38.8950

■ 185.6500, 17.9206,  
38.8950

■ 171.9210, 23.7029,  
50.9353

■ 199.3790, 12.1382,  
26.8546

■ 158.0780, 29.0485,  
63.0756

■ 213.2220, 6.7926,  
14.7143

■ 144.3490, 34.8309,  
75.1159

■ 226.9510, 1.0102,  
2.6740

■ 130.5060, 40.1765,  
87.2562

■ 240.7940, -4.3354,  
-9.4663

■ 116.7770, 45.9589,  
99.2966

■ 245.1310, -5.4876,  
-13.2699

■ 102.9340, 51.3045,  
111.4369

■ 245.4730, -4.1772,  
-13.5698

■ 92.1400, 55.6400,  
120.9032

■ 245.7010, -3.3036,  
-13.7698

■ 246.0430, -1.9932,  
-14.0697

■ 246.2710, -1.1196,  
-14.2697

# Harmonies

## Analogous

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



183.1210, 33.4643, -0.1061



185.6500, 17.9206, 38.8950



183.9830, -0.4846, 62.2819

# Triad

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



185.6500, 17.9206, 38.8950



177.6650, -38.7818, 25.7268



142.9530, 37.4912, -125.3698

# Complementary

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



185.6500, 17.9206, 38.8950



200.3500, -17.9205, -38.8949

# 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.



153.2290, 12.2121, -90.5318



185.6500, 17.9206, 38.8950



173.2910, -31.6955, -7.2712

# Square

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



185.6500, 17.9206, 38.8950



180.4970, -33.7690, 51.3071



166.6420, -14.1205, -44.4130



142.8510, 52.3315, -125.2803



# Rectangle

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



185.6500, 17.9206, 38.8950



181.4920, -12.5676, 64.4665



166.6420, -14.1205, -44.4130



141.4710, 31.8128, -124.0701

# Sweetspot

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



185.6500, 17.9206, 38.8950



239.9830, 5.9244, 13.1699



166.5290, 31.2912, -3.0949



118.3800, 3.7567, 8.4367



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.



185.6500, 17.9206, 38.8950



195.6330, 23.8449, 52.0649



181.5460, 2.1958, 42.4942



107.8420, 3.0359, 6.2776



71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546



# Inverse Universe

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



185.6500, 17.9206, 38.8950



195.6330, 23.8449, 52.0649



204.4540, -2.1958, -42.4942



107.8420, 3.0359, 6.2776



71.6470, 43.0650, 94.1486

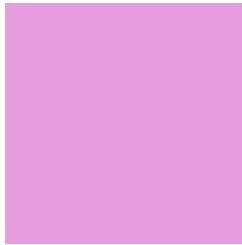


20.3790, 12.1382, 26.8546



# Previews

## White Background



This preview shows how the YUV color 185.6500, 17.9206, 38.8950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

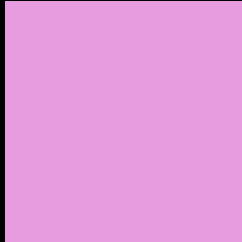
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.6500, 17.9206, 38.8950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

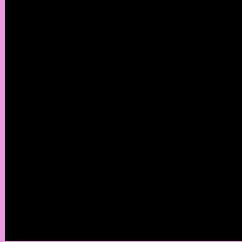
Any Text WCAG AA ✓ Pass

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 185.6500, 17.9206, 38.8950 Background



This preview shows how black text looks on a background with the YUV color 185.6500, 17.9206, 38.8950.



This preview shows how white text looks on a background with the YUV color 185.6500, 17.9206,



# 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

185.6500, 17.9206, 38.8950

### Protanopia

181.5400, 27.8348, -14.5056

### Deuteranopia

182.5710, 17.4665, -2.2548



## Tritanopia

184.0090, -3.4554, 35.0721

# Trichromacy



## Original Color

185.6500, 17.9206, 38.8950



## Protanomaly

183.3360, 23.9914, 4.9673



## Deuteranomaly

183.3710, 17.5651, 12.8296



## Tritanomaly

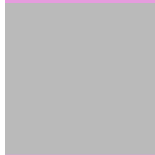
184.6700, 4.1067, 36.2464

# Monochromacy



## Original Color

185.6500, 17.9206, 38.8950



## Achromatopsia

186.0000, 0.0000, 0.0000



## Achromatomaly

185.8090, 6.5032, 14.1995

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.6500, 17.9206, 38.8950 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, 156, 222)` looks like.

```
.text, #text, p{  
    color:rgb(230, 156, 222)  
}
```

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, 156, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 156, 222) }
```

## Border

The CSS property to change the border of an element to YUV 185.6500, 17.9206, 38.8950 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, 156, 222) }
```



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

```
.border{ border-color:rgb(230, 156, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 156, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 156, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 156, 222);  
box-shadow:4px 4px 4px 4px rgb(230, 156,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 185.6500, 17.9206, 38.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 156, 222) }
```

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

```
.background{ background-color: rgb(230,  
156, 222) }
```

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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