

# Converting Colors

YUV(177.7260, 29.2221, 7.2563)

Have a look what the booklet for  
YUV(177.7260, 29.2221, 7.2563)  
contains.

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# Color

**YUV(177.7260, 29.2221,  
7.2563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAA2ED
RGB	186, 162, 237
RGB Percent	73%, 64%, 93%
CMY	0.2706, 0.3647, 0.0706
CMYK	0.22, 0.32, 0.00, 0.07
HSL	259°, 68%, 78%
HSV	259°, 32%, 93%
XYZ	48.4561, 42.3942, 85.7497
YIQ	177.7260, -9.7710, 28.4130

# Conversions

## Conversions Part 2

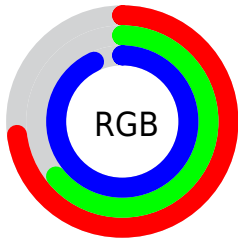
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 162, 237
Decimal	12231405
CIELab	71.14, 23.82, -34.45
CIELCh	71, 41.882, 304.659
Yxy	42.3942, 0.2744, 0.2401
Android (android.graphics.Color)	4290421485 (0xFFBAA2ED)
YUV	177.7260, 29.2221, 7.2563
Hunter-Lab	65.1108, 18.8975, -32.5063

# Details

The YUV color  $177.7260, 29.2221, 7.2563$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $221.2740, -29.2221, -7.2563$ , and the grayscale version is  $177.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $229.1060, 12.7657, 12.1850$ , and  $124.6720, 27.7697, 6.4267$  is the 20% darker color. If you saturate the color by 10%, you get  $158.8540, 38.5260, 9.7750$ , and if you desaturate by 10%, it is  $196.5980, 19.9182, 4.7376$ .

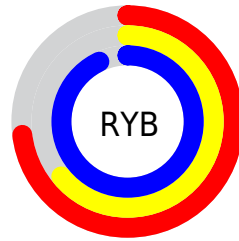
# Distribution



Red (73%)

Green (64%)

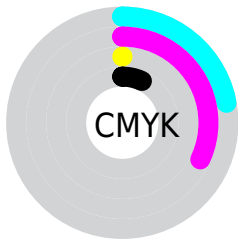
Blue (93%)



Red (73%)

Yellow (64%)

Blue (93%)

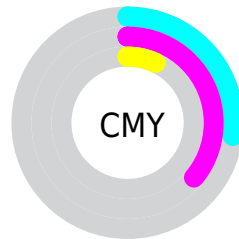


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (36%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.7260, 29.2221, 7.2563 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 177.7260, 29.2221, 7.2563 by changing the saturation by 10% instead.





 177.7260, 29.2221,  
7.2563


 177.7260, 29.2221,  
7.2563


255.0000, 0.0000,  
0.0000


 150.9000, 28.6433,  
6.2267


 229.1060, 12.7657,  
12.1850


 124.6720, 27.7697,  
6.4267

 249.7170, 2.6045,  
4.6332

 99.4330, 26.9015,  
4.8823

 74.9060, 26.1753,  
4.4674

 51.5530, 24.8704,  
3.0230

 29.0150, 24.1496,  
0.8638

 9.2600, 22.5498,

0.6490

■ 4.8220, 13.3988,  
-4.2289

■ 0.5700, 2.1840,  
-0.4999

■ 177.7260, 29.2221,  
7.2563

■ 177.7260, 29.2221,  
7.2563

■ 158.8540, 38.5260,  
9.7750

■ 196.5980, 19.9182,  
4.7376

■ 140.5690, 47.5405,  
11.7790

■ 214.8830, 10.9037,  
2.7336

■ 121.6970, 56.8444,  
14.2977

■ 233.7550, 1.5998,  
0.2149

■ 102.8250, 66.1483,  
16.8165

■ 251.4530, -7.1253,  
-1.2743

■ 83.6540, 75.5996,  
18.7204

■ 252.9480, -7.8624,  
1.7996

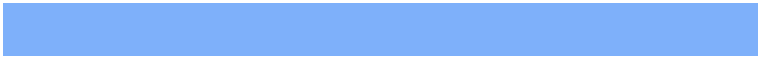
■ 65.3690, 84.6141,  
20.7244

■ 49.7420, 92.3182,  
23.0283

# Harmonies

## Analogous

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



169.4860, 39.6934, -38.1372



177.7260, 29.2221, 7.2563



179.0480, 14.2733, 42.0539

# Triad

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



177.7260, 29.2221, 7.2563



173.8660, -33.4579, 44.8445



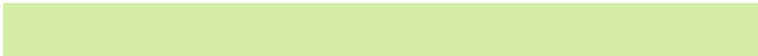
145.6460, 16.4435, -94.4055

# Complementary

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



177.7260, 29.2221, 7.2563



221.2740, -29.2221, -7.2563

# 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.



160.0590, -9.8891, -48.2867



177.7260, 29.2221, 7.2563



170.9030, -36.4342, 19.3791

# Square

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



177.7260, 29.2221, 7.2563



175.8800, -21.1398, 60.6182



166.5830, -27.8954, -12.7893



137.9150, 38.4959, -120.9515



# Rectangle

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



177.7260, 29.2221, 7.2563



177.7480, 2.5892, 56.3490



166.5830, -27.8954, -12.7893



152.2370, 6.7852, -76.5068

# Sweetspot

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



177.7260, 29.2221, 7.2563



236.7150, 9.0145, 2.0039



200.4870, 18.0009, -33.7531



116.2050, 5.8149, 1.5742



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.



177.7260, 29.2221, 7.2563



178.3270, 37.7998, 9.3602



188.7890, 23.7680, 30.0030



108.1510, 4.3626, 0.7446



37.9760, 70.5108, 17.5610



11.2390, 21.0812, 5.0524



# Inverse Universe

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



190.2390, 11.2212, 41.0094



194.5270, 14.5302, 53.0348



210.2110, -23.7680, -30.0030



110.2010, 1.8729, 5.9627



68.1410, 27.0455, 98.9773

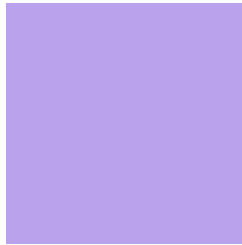


20.2500, 7.7648, 29.5987



# Previews

## White Background



This preview shows how the YUV color 177.7260, 29.2221, 7.2563 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

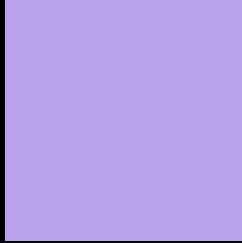
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.7260, 29.2221, 7.2563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

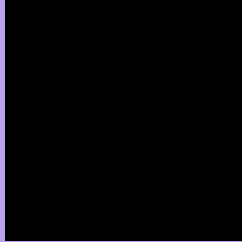
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 177.7260, 29.2221, 7.2563

## Background



This preview shows how black text looks on a background with the YUV color 177.7260, 29.2221, 7.2563.



This preview shows how white text looks on a background with the YUV color 177.7260, 29.2221, 7.2563.



# 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

177.7260, 29.2221, 7.2563

### Protanopia

174.3420, 34.8344, -19.5939

### Deuteranopia

174.6970, 29.7294, -15.5203



## Tritanopia

175.0910, 5.3781, 1.6742

# Trichromacy



## Original Color

177.7260, 29.2221, 7.2563

## Protanomaly

175.2400, 32.9127, -9.8575

## Deuteranomaly

175.7520, 29.7023, -6.7985

## Tritanomaly

175.8060, 14.3926, 3.6781

# Monochromacy



## Original Color

177.7260, 29.2221, 7.2563

## Achromatopsia

178.0000, 0.0000, 0.0000

## Achromatomaly

177.7690, 10.4669, 2.8336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.7260, 29.2221, 7.2563 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(186, 162, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 237)  
}
```

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(186, 162, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 237) }
```

## Border

The CSS property to change the border of an element to YUV 177.7260, 29.2221, 7.2563 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(186, 162, 237) }
```



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

```
.border{ border-color:rgb(186, 162, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 162, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 162, 237); box-shadow:4px 4px 4px 4px rgb(186, 162, 237) }
```

# Background

The CSS property to change the background color of an element to YUV 177.7260, 29.2221, 7.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 237) }
```

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

```
.background{ background-color: rgb(186,  
162, 237) }
```

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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