

# Converting Colors

YUV(181.3370, 22.5119,  
12.8595)

Have a look what the booklet for  
YUV(181.3370, 22.5119, 12.8595)  
contains.

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# Color

**YUV(181.3370, 22.5119,  
12.8595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A5E3
RGB	196, 165, 227
RGB Percent	77%, 65%, 89%
CMY	0.2314, 0.3529, 0.1098
CMYK	0.14, 0.27, 0.00, 0.11
HSL	270°, 53%, 77%
HSV	270°, 27%, 89%
XYZ	50.0852, 44.1921, 78.5632
YIQ	181.3370, -1.4260, 25.8540

# Conversions

## Conversions Part 2

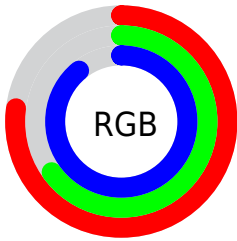
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 165, 227</a>
Decimal	<a href="#">12887523</a>
CIELab	<a href="#">72.36, 23.01, -27.04</a>
CIELCh	<a href="#">72, 35.508, 310.390</a>
Yxy	<a href="#">44.1921, 0.2898, 0.2557</a>
Android (android.graphics.Color)	<a href="#">4291077603 (0xFFC4A5E3)</a>
YUV	<a href="#">181.3370, 22.5119, 12.8595</a>
Hunter-Lab	<a href="#">66.4771, 18.1505, -23.5354</a>

# Details

The YUV color **181.3370, 22.5119, 12.8595** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210.6630, -22.5119, -12.8595**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8570, 10.4235, 16.7884**, and **128.2830, 21.0595, 12.0298** is the 20% darker color. If you saturate the color by 10%, you get **164.5470, 30.7893, 17.9373**, and if you desaturate by 10%, it is **198.1270, 14.2344, 7.7816**.

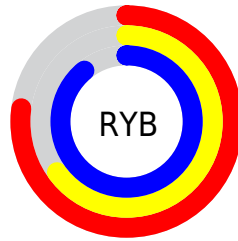
# Distribution



Red (77%)

Green (65%)

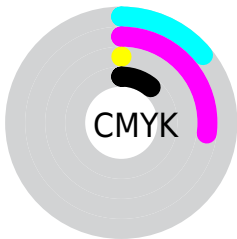
Blue (89%)



Red (77%)

Yellow (65%)

Blue (89%)

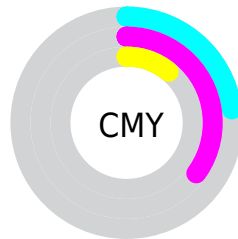


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (35%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 181.3370, 22.5119, 12.8595 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 181.3370, 22.5119, 12.8595 by changing the saturation by 10% instead.





 181.3370, 22.5119,  
12.8595

 181.3370, 22.5119,  
12.8595


255.0000, 0.0000,  
0.0000


 154.5110, 21.9331,  
11.8299


 233.8570, 10.4235,  
16.7884


 128.2830, 21.0595,  
12.0298

 251.4780, 1.7363,  
3.0888

 102.5710, 20.9175,  
10.9002

 78.6310, 19.9019,  
9.9706

 55.1040, 19.1757,  
9.5558

 32.8650, 18.3076,  
8.0114

 12.3490, 17.5759,

9.3409

■ 3.5510, 11.0674,  
-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 181.3370, 22.5119,  
12.8595

■ 181.3370, 22.5119,  
12.8595

■ 164.5470, 30.7893,  
17.9373

■ 198.1270, 14.2344,  
7.7816

■ 148.0450, 38.9248,  
21.8855

■ 214.6290, 6.0989,  
3.8334

■ 131.2550, 47.2023,  
26.9634

■ 231.4190, -2.1786,  
-1.2445

■ 114.4650, 55.4798,  
32.0412

■ 247.6220,  
-10.1666, -5.8075

■ 97.9630, 63.6152,  
35.9894

■ 251.2100,  
-11.9355, 1.5698

■ 81.1730, 71.8927,  
41.0673

■ 251.8080,  
-12.2303, 2.7994

■ 64.3830, 80.1702,  
46.1451

■ 59.9640, 82.3487,  
47.3896

# Harmonies

## Analogous

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



176.2230, 31.9351, -22.9976



181.3370, 22.5119, 12.8595



181.9570, 8.8952, 40.3797

# Triad

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



181.3370, 22.5119, 12.8595



177.1360, -29.6470, 35.8377



158.0230, 14.7787, -73.6882

# Complementary

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



181.3370, 22.5119, 12.8595



210.6630, -22.5119, -12.8595

# 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.



164.7480, -4.8058, -45.3830



181.3370, 22.5119, 12.8595



174.1670, -30.1553, 12.1315

# Square

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



181.3370, 22.5119, 12.8595



179.2270, -20.8179, 50.6669



170.2820, -21.3380, -16.0333



156.3820, 30.3777, -83.6500



# Rectangle

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



181.3370, 22.5119, 12.8595



181.5640, -1.7571, 50.3714



170.2820, -21.3380, -16.0333



160.6560, 8.0576, -64.5963

# Sweetspot

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



181.3370, 22.5119, 12.8595



240.2700, 7.2619, 4.1482



190.2650, 18.1104, -22.1574



118.2760, 4.7939, 2.3889



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.



181.3370, 22.5119, 12.8595



193.1340, 30.4999, 17.4225



190.6060, 17.9422, 31.9175



106.1620, 4.3571, 2.4889



47.0170, 65.0676, 36.8191



13.5880, 18.4441, 10.8853



# Inverse Universe

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



187.0720, 4.4015, 35.0169



200.9040, 5.9633, 47.4422



201.3940, -17.9422, -31.9175



107.2720, 0.8519, 6.7775



63.6670, 12.4892, 101.1470

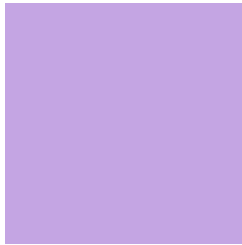


18.2130, 3.8390, 28.7542



# Previews

## White Background



This preview shows how the YUV color 181.3370, 22.5119, 12.8595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

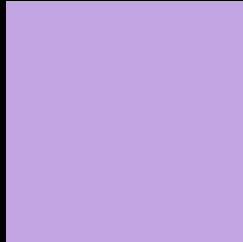
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.3370, 22.5119, 12.8595 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 181.3370, 22.5119, 12.8595

## Background



This preview shows how black text looks on a background with the YUV color 181.3370, 22.5119, 12.8595.



This preview shows how white text looks on a background with the YUV color 181.3370, 22.5119,



# 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

181.3370, 22.5119, 12.8595

### Protanopia

177.6540, 28.2716, -14.6056

### Deuteranopia

178.6180, 22.8663, -7.5580



## Tritanopia

179.2660, 3.3199, 8.5367

# Trichromacy



## Original Color

181.3370, 22.5119, 12.8595

## Protanomaly

178.8510, 26.2025, -4.2543

## Deuteranomaly

179.6620, 22.8446, -0.5806

## Tritanomaly

180.1120, 10.2978, 10.4258

# Monochromacy



## Original Color

181.3370, 22.5119, 12.8595

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

180.9110, 8.4249, 4.4631

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.3370, 22.5119, 12.8595 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(196, 165, 227)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 227)  
}
```

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(196, 165, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 227) }
```

## Border

The CSS property to change the border of an element to YUV 181.3370, 22.5119, 12.8595 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(196, 165, 227) }
```



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

```
.border{ border-color:rgb(196, 165, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 227);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 181.3370, 22.5119, 12.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 227) }
```

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

```
.background{ background-color: rgb(196,  
165, 227) }
```

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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