

Converting Colors

YUV(175.4660, 30.3363,
23.2703)

Have a look what the booklet for
YUV(175.4660, 30.3363, 23.2703)
contains.

YUV(175.4660, 30.3363, 23.2703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.4660, 30.3363,
23.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	CA96ED
RGB	202, 150, 237
RGB Percent	79%, 59%, 93%
CMY	0.2078, 0.4118, 0.0706
CMYK	0.15, 0.37, 0.00, 0.07
HSL	276°, 71%, 76%
HSV	276°, 37%, 93%
XYZ	50.5495, 40.4837, 85.2706
YIQ	175.4660, 3.0650, 38.0810

Conversions

Conversions Part 2

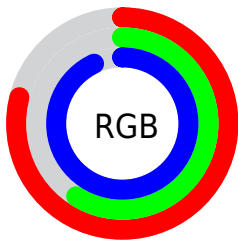
Format	Color
RYB	202, 150, 237
Decimal	13276909
CIELab	69.81, 35.22, -36.40
CIELCh	70, 50.647, 314.057
Yxy	40.4837, 0.2867, 0.2296
Android (android.graphics.Color)	4291466989 (0xFFCA96ED)
YUV	175.4660, 30.3363, 23.2703
Hunter-Lab	63.6268, 30.4659, -34.9199

Details

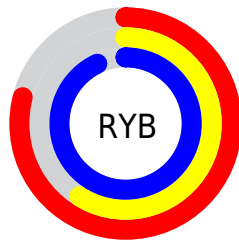
The YUV color **175.4660, 30.3363, 23.2703** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **211.5340, -30.3363, -23.2703**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6500, 14.4696, 25.7400**, and **122.1130, 29.0313, 21.8259** is the 20% darker color. If you saturate the color by 10%, you get **158.3880, 38.7557, 29.4777**, and if you desaturate by 10%, it is **192.5440, 21.9168, 17.0629**.

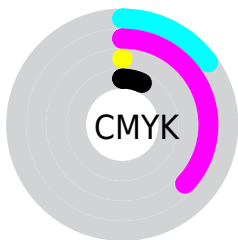
Distribution



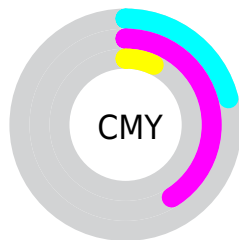
- Red (79%)
- Green (59%)
- Blue (93%)



- Red (79%)
- Yellow (59%)
- Blue (93%)



- Cyan (15%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)





- Cyan (21%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.4660, 30.3363, 23.2703 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 175.4660, 30.3363, 23.2703 by changing the saturation by 10% instead.


 175.4660, 30.3363,
23.2703


 175.4660, 30.3363,
23.2703


255.0000, 0.0000,
0.0000


 148.6400, 29.7575,
22.2407


 225.6500, 14.4696,
25.7400


 122.1130, 29.0313,
21.8259

 242.0860, 6.3666,
11.3256

 96.8740, 28.1631,
20.2815

 71.9340, 27.1475,
19.3519

 47.2220, 27.0056,
18.2223

 22.9230, 27.1530,
17.6075

 13.7450, 20.3387,

9.8706

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 175.4660, 30.3363,
23.2703

■ 175.4660, 30.3363,
23.2703

■ 158.3880, 38.7557,
29.4777

■ 192.5440, 21.9168,
17.0629

■ 142.1960, 46.7384,
35.7851

■ 208.7360, 13.9342,
10.7555

■ 125.1180, 55.1578,
41.9925

■ 225.8140, 5.5147,
4.5481

■ 108.3390, 63.4299,
48.8147

■ 242.5930, -2.7573,
-2.2741

■ 91.2610, 71.8493,
55.0221

■ 251.4530, -7.1253,
-1.2743

■ 75.0690, 79.8320,
61.3295

■ 252.9480, -7.8624,
1.7996

■ 69.4760, 82.5893,
63.6035

Harmonies

Analogous

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



167.4530, 43.1607, -30.2153



175.4660, 30.3363, 23.2703



174.3600, 11.1615, 60.1973

Triad

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



175.4660, 30.3363, 23.2703



167.7490, -42.7673, 44.0701



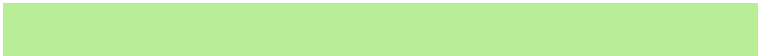
135.6520, 27.2866, -118.9668

Complementary

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



175.4660, 30.3363, 23.2703



211.5340, -30.3363, -23.2703

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.



143.7710, 0.1129, -83.1142



175.4660, 30.3363, 23.2703



164.5400, -42.6642, 10.9274

Square

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



175.4660, 30.3363, 23.2703



170.2200, -30.1815, 67.3361



158.4840, -27.8466, -28.4885



138.6790, 46.5003, -121.6215

Rectangle

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



175.4660, 30.3363, 23.2703



172.6530, -3.2799, 72.2183



158.4840, -27.8466, -28.4885



133.9420, 20.7346, -117.4671

Sweetspot

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



175.4660, 30.3363, 23.2703



235.2750, 9.7244, 7.6518



181.0500, 27.5834, -27.2308



115.9280, 5.9515, 4.4481



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.



175.4660, 30.3363, 23.2703



175.8010, 39.0451, 29.9925



185.1330, 22.1194, 45.4874



109.3470, 3.7729, 3.2037



52.9260, 63.1405, 48.2999



15.7240, 18.8701, 14.2741

Inverse Universe

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



180.0030, 2.4635, 49.9864



181.6180, 3.1463, 64.3560



201.8670, -22.1194, -45.4874



109.7450, 0.1257, 6.3626



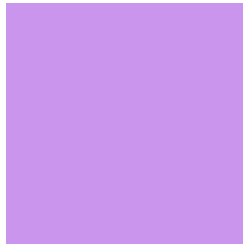
62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 175.4660, 30.3363, 23.2703 looks on a white background.

Color Contrast Check

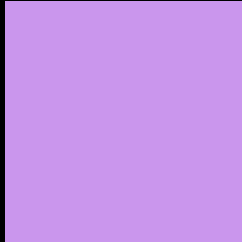
Large Text (above 18pt) WCAG AA × Fail

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 175.4660, 30.3363, 23.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

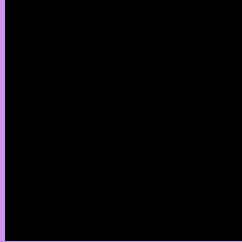
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.4660, 30.3363, 23.2703

Background



This preview shows how black text looks on a background with the YUV color 175.4660, 30.3363, 23.2703.



This preview shows how white text looks on a background with the YUV color 175.4660, 30.3363,

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

175.4660, 30.3363, 23.2703

Protanopia

169.9870, 39.9394, -23.6676

Deuteranopia

171.2130, 30.4610, -16.8498



Tritanopia

173.0390, 0.9668, 16.6288

Trichromacy



Original Color

175.4660, 30.3363, 23.2703



Protanomaly

171.5870, 36.6856, -6.6538



Deuteranomaly

172.6000, 30.2702, -2.2802



Tritanomaly

173.9220, 11.8705, 19.3624

Monochromacy



Original Color

175.4660, 30.3363, 23.2703



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.3290, 11.1768, 8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4660, 30.3363, 23.2703 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(202, 150, 237)` looks like.

```
.text, #text, p{  
    color:rgb(202, 150, 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(202, 150, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 150, 237) }
```

Border

The CSS property to change the border of an element to YUV 175.4660, 30.3363, 23.2703 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(202, 150, 237) }
```


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

```
.border{ border-color:rgb(202, 150, 237) }
```

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

Here you see how a box with a 4 pixel rgb(202, 150, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 150, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 150, 237);  
box-shadow:4px 4px 4px 4px rgb(202, 150,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 175.4660, 30.3363, 23.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 150, 237) }
```

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

```
.background{ background-color: rgb(202,  
150, 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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