

Converting Colors

YUV(177.0590, 27.5789,
20.9963)

Have a look what the booklet for
YUV(177.0590, 27.5789, 20.9963)
contains.

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Color

**YUV(177.0590, 27.5789,
20.9963)**

Conversions

Conversions Part 1

Format	Color
Hex	C99AE9
RGB	201, 154, 233
RGB Percent	79%, 60%, 91%
CMY	0.2118, 0.3961, 0.0863
CMYK	0.14, 0.34, 0.00, 0.09
HSL	276°, 64%, 76%
HSV	276°, 34%, 91%
XYZ	50.3510, 41.4119, 82.4303
YIQ	177.0590, 2.6530, 34.5330

Conversions

Conversions Part 2

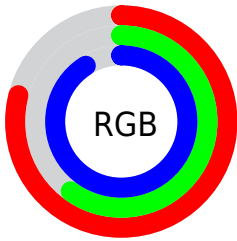
Format	Color
R_{YB}	201, 154, 233
Decimal	13212393
CIE _{Lab}	70.46, 31.88, -33.20
CIE _{LCh}	70, 46.033, 313.835
Yxy	41.4119, 0.2891, 0.2377
Android (android.graphics.Color)	4291402473 (0xFFC99AE9)
YUV	177.0590, 27.5789, 20.9963
Hunter-Lab	64.3521, 27.0476, -30.8997

Details

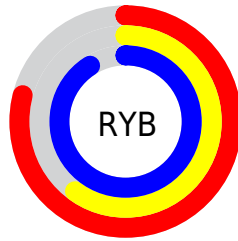
The YUV color **177.0590, 27.5789, 20.9963** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.9410, -27.5789, -20.9963**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **123.7060, 26.2739, 19.5518** is the 20% darker color. If you saturate the color by 10%, you get **160.8670, 35.5616, 27.3036**, and if you desaturate by 10%, it is **193.2510, 19.5963, 14.6889**.

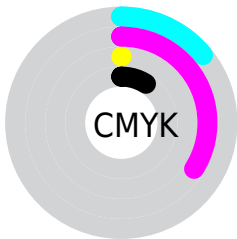
Distribution



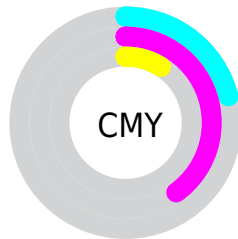
- Red (79%)
- Green (60%)
- Blue (91%)



- Red (79%)
- Yellow (60%)
- Blue (91%)



- Cyan (14%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)





- Cyan (21%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.0590, 27.5789, 20.9963 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 177.0590, 27.5789, 20.9963 by changing the saturation by 10% instead.


 177.0590, 27.5789,
20.9963


 177.0590, 27.5789,
20.9963


255.0000, 0.0000,
0.0000


 150.2330, 27.0001,
19.9667


 227.9980, 13.3120,
23.6808


 123.7060, 26.2739,
19.5518

 244.4340, 5.2090,
9.2664

 98.4670, 25.4058,
18.0074

 73.9400, 24.6796,
17.5926

 49.8150, 24.2482,
15.9482

 25.7010, 23.8114,
16.0482

 13.7020, 18.8809,

10.7853

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 177.0590, 27.5789,
20.9963

■ 177.0590, 27.5789,
20.9963

■ 160.8670, 35.5616,
27.3036

■ 193.2510, 19.5963,
14.6889

■ 143.7890, 43.9810,
33.5110

■ 210.3290, 11.1768,
8.4815

■ 127.5970, 51.9637,
39.8184

■ 226.5210, 3.1941,
2.1741

■ 111.1060, 60.0937,
45.5110

■ 243.0120, -4.9359,
-3.5185

■ 94.9140, 68.0764,
51.8184

■ 250.3990, -8.5777,
-2.1039

■ 77.8360, 76.4959,
58.0258

■ 252.4920, -9.6096,
2.1995

■ 68.1230, 81.2844,
62.1591

Harmonies

Analogous

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



170.4920, 40.6764, -26.7415



177.0590, 27.5789, 20.9963



176.6860, 10.0148, 54.6494

Triad

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



177.0590, 27.5789, 20.9963



170.3510, -39.1200, 40.9112



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.



177.0590, 27.5789, 20.9963



209.9410, -27.5789, -20.9963

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.



151.1040, -1.5303, -69.3742



177.0590, 27.5789, 20.9963



166.9790, -38.4436, 10.5424

Square

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



177.0590, 27.5789, 20.9963



172.4690, -27.8392, 62.7327



161.4890, -25.3841, -24.9849



138.2230, 44.7531, -121.2216

Rectangle

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



177.0590, 27.5789, 20.9963



175.0220, -2.9688, 65.7557



161.4890, -25.3841, -24.9849



134.0560, 21.1714, -117.5671

Sweetspot

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



177.0590, 27.5789, 20.9963



237.3350, 8.7088, 6.7222



182.3770, 24.9571, -24.8866



116.5150, 5.6621, 3.9333



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.



177.0590, 27.5789, 20.9963



180.8070, 36.5771, 28.2333



185.8290, 19.8043, 41.3690



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.



181.2690, 2.3324, 45.3681



186.2970, 3.3046, 60.2525



201.1710, -19.8043, -41.3690



109.7450, 0.1257, 6.3626



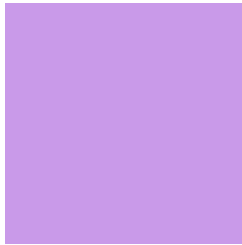
62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 177.0590, 27.5789, 20.9963 looks on a white background.

Color Contrast Check

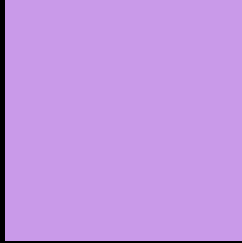
Large Text (above 18pt) WCAG AA × Fail

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 177.0590, 27.5789, 20.9963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

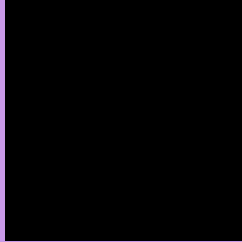
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.0590, 27.5789, 20.9963

Background



This preview shows how black text looks on a background with the YUV color 177.0590, 27.5789, 20.9963.



This preview shows how white text looks on a background with the YUV color 177.0590, 27.5789,

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

177.0590, 27.5789, 20.9963

Protanopia

172.2710, 35.8554, -20.4087

Deuteranopia

173.2520, 27.9768, -13.3760



Tritanopia

174.5550, 1.6984, 15.2993

Trichromacy



Original Color

177.0590, 27.5789, 20.9963

Protanomaly

173.9740, 33.0438, -5.2392

Deuteranomaly

174.6280, 27.7914, -0.5508

Tritanomaly

175.3840, 11.1497, 17.2032

Monochromacy



Original Color

177.0590, 27.5789, 20.9963

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2750, 9.7244, 7.6518

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0590, 27.5789, 20.9963 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(201, 154, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 154, 233)  
}
```

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(201, 154, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 154, 233) }
```

Border

The CSS property to change the border of an element to YUV 177.0590, 27.5789, 20.9963 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(201, 154, 233) }
```


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

```
.border{ border-color:rgb(201, 154, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 154, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 154, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 154, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 154,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 177.0590, 27.5789, 20.9963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 154, 233) }
```

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

```
.background{ background-color: rgb(201,  
154, 233) }
```

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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