

Converting Colors

YUV(176.7710, 27.7209,
22.1258)

Have a look what the booklet for
YUV(176.7710, 27.7209, 22.1258)
contains.

YUV(176.7710, 27.7209, 22.1258)	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(176.7710, 27.7209,
22.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	CA99E9
RGB	202, 153, 233
RGB Percent	79%, 60%, 91%
CMY	0.2078, 0.4000, 0.0863
CMYK	0.13, 0.34, 0.00, 0.09
HSL	277°, 65%, 76%
HSV	277°, 34%, 91%
XYZ	50.4563, 41.2222, 82.3881
YIQ	176.7710, 3.5240, 35.2680

Conversions

Conversions Part 2

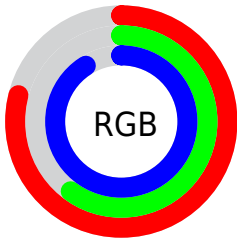
Format	Color
RYB	202, 153, 233
Decimal	13277673
CIELab	70.33, 32.73, -33.40
CIElCh	70, 46.767, 314.421
Yxy	41.2222, 0.2899, 0.2368
Android (android.graphics.Color)	4291467753 (0xFFCA99E9)
YUV	176.7710, 27.7209, 22.1258
Hunter-Lab	64.2045, 27.9197, -31.1386

Details

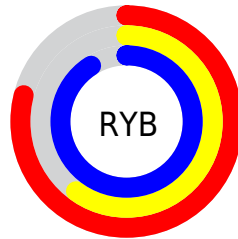
The YUV color **176.7710, 27.7209, 22.1258** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **209.2290, -27.7209, -22.1258**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **123.4180, 26.4159, 20.6814** is the 20% darker color. If you saturate the color by 10%, you get **160.5790, 35.7036, 28.4332**, and if you desaturate by 10%, it is **192.9630, 19.7382, 15.8184**.

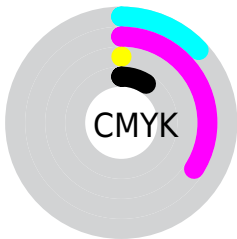
Distribution



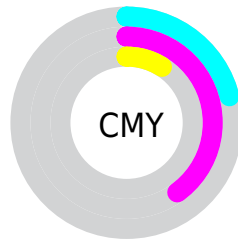
- Red (79%)
- Green (60%)
- Blue (91%)



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



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 176.7710, 27.7209, 22.1258 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 176.7710, 27.7209, 22.1258 by changing the saturation by 10% instead.


 176.7710, 27.7209,
22.1258

 176.7710, 27.7209,
22.1258


255.0000, 0.0000,
0.0000


 149.9450, 27.1421,
21.0962


 227.4110, 13.6014,
24.1956


 123.4180, 26.4159,
20.6814

 243.8470, 5.4984,
9.7812

 98.1790, 25.5478,
19.1370

 73.3530, 24.9690,
18.1074

 49.5270, 24.3902,
17.0778

 24.8260, 24.2428,
17.6926

 13.7020, 18.8809,

10.7853

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 176.7710, 27.7209,
22.1258

■ 176.7710, 27.7209,
22.1258

■ 160.5790, 35.7036,
28.4332

■ 192.9630, 19.7382,
15.8184

■ 143.8000, 43.9756,
35.2554

■ 209.7420, 11.4662,
8.9963

■ 127.6080, 51.9583,
41.5628

■ 225.9340, 3.4835,
2.6889

■ 111.4160, 59.9409,
47.8702

■ 242.1260, -4.4991,
-3.6185

■ 95.2240, 67.9236,
54.1776

■ 250.1000, -8.4303,
-2.7187

■ 78.4450, 76.1956,
60.9997

■ 252.4920, -9.6096,
2.1995

■ 69.3190, 80.6947,
64.6182

Harmonies

Analogous

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



170.0190, 41.4026, -26.3267



176.7710, 27.7209, 22.1258



176.2840, 9.7200, 55.8789

Triad

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



176.7710, 27.7209, 22.1258



170.1230, -39.9936, 41.1111



135.7660, 27.7234, -119.0668

Complementary

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



176.7710, 27.7209, 22.1258



209.2290, -27.7209, -22.1258

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.



149.6090, -0.7932, -72.4481



176.7710, 27.7209, 22.1258



166.4520, -39.1698, 10.1276

Square

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



176.7710, 27.7209, 22.1258



172.2410, -28.7128, 62.9326



160.7770, -25.5261, -26.1144



138.3370, 45.1899, -121.3215

Rectangle

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



176.7710, 27.7209, 22.1258



174.5060, -3.7005, 67.0852



160.7770, -25.5261, -26.1144



134.0560, 21.1714, -117.5671

Sweetspot

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



176.7710, 27.7209, 22.1258



237.3350, 8.7088, 6.7222



180.9040, 25.6833, -24.4718



116.8140, 5.5147, 4.5481



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.



176.7710, 27.7209, 22.1258



181.1060, 36.4297, 28.8480



185.1280, 19.6569, 41.9837



109.3470, 3.7729, 3.2037



53.8230, 62.6983, 50.1442



16.0230, 18.7227, 14.8888

Inverse Universe

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



180.4540, 1.7482, 46.0828



186.0690, 2.4310, 60.4525



200.8720, -19.6569, -41.9837



109.7450, 0.1257, 6.3626



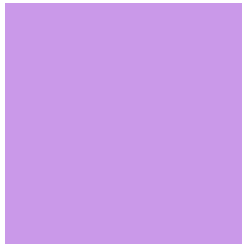
62.0990, 3.8952, 104.2762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 176.7710, 27.7209, 22.1258 looks on a white background.

Color Contrast Check

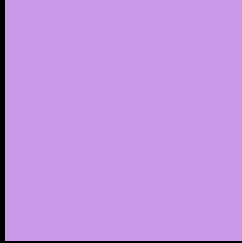
Large Text (above 18pt) WCAG AA × Fail

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 176.7710, 27.7209, 22.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

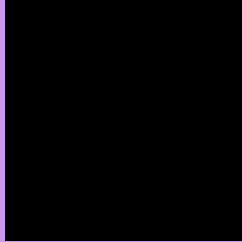
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.7710, 27.7209, 22.1258

Background



This preview shows how black text looks on a background with the YUV color 176.7710, 27.7209, 22.1258.



This preview shows how white text looks on a background with the YUV color 176.7710, 27.7209, 22.1258.

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

176.7710, 27.7209, 22.1258

Protanopia

172.0860, 36.4396, -21.1234

Deuteranopia

172.9530, 28.1242, -13.9908



Tritanopia

174.1530, 1.4036, 16.5288

Trichromacy



Original Color

176.7710, 27.7209, 22.1258

Protanomaly

173.9740, 33.0438, -5.2392

Deuteranomaly

174.3290, 27.9388, -1.1655

Tritanomaly

174.9820, 10.8549, 18.4328

Monochromacy



Original Color

176.7710, 27.7209, 22.1258

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6880, 10.0138, 8.1666

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7710, 27.7209, 22.1258 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, 153, 233)` looks like.

```
.text, #text, p{  
    color:rgb(202, 153, 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(202, 153, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 153, 233) }
```

Border

The CSS property to change the border of an element to YUV 176.7710, 27.7209, 22.1258 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, 153, 233) }
```


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

```
.border{ border-color:rgb(202, 153, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 153, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 153, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 153, 233);  
box-shadow:4px 4px 4px 4px rgb(202, 153,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 176.7710, 27.7209, 22.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 153, 233) }
```

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

```
.background{ background-color: rgb(202,  
153, 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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