

Converting Colors

YUV(122.7160, 61.7650,
69.5321)

Have a look what the booklet for
YUV(122.7160, 61.7650, 69.5321)
contains.

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Color

**YUV(122.7160, 61.7650,
69.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3AF8
RGB	202, 58, 248
RGB Percent	79%, 23%, 97%
CMY	0.2078, 0.7725, 0.0275
CMYK	0.19, 0.77, 0.00, 0.03
HSL	285°, 93%, 60%
HSV	285°, 77%, 97%
XYZ	42.8135, 22.3600, 90.8663
YIQ	122.7160, 24.8340, 89.6180

Conversions

Conversions Part 2

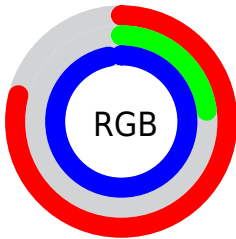
Format	Color
R _Y B	202, 58, 248
Decimal	13253368
CIE Lab	54.41, 79.80, -66.91
CIE LCh	54, 104.139, 320.024
Yxy	22.3600, 0.2744, 0.1433
Android (android.graphics.Color)	4291443448 (0xFFCA3AF8)
YUV	122.7160, 61.7650, 69.5321
Hunter-Lab	47.2863, 78.8643, -80.8323

Details

The YUV color **122.7160, 61.7650, 69.5321** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **183.2840, -61.7650, -69.5321**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7550, 39.0678, 69.4979**, and **64.4170, 61.9124, 68.9173** is the 20% darker color. If you saturate the color by 10%, you get **106.2470, 69.8842, 78.7134**, and if you desaturate by 10%, it is **139.1850, 53.6458, 60.3508**.

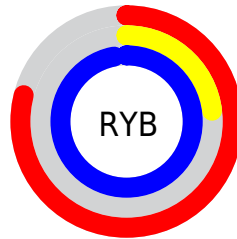
Distribution



Red (79%)

Green (23%)

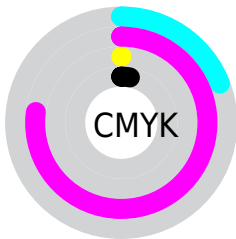
Blue (97%)



Red (79%)

Yellow (23%)

Blue (97%)

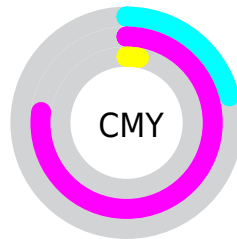


Cyan (19%)

Magenta (77%)

Yellow (0%)

Black (3%)



Cyan (21%)


Magenta (77%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.7160, 61.7650, 69.5321 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 122.7160, 61.7650, 69.5321 by changing the saturation by 10% instead.


 122.7160, 61.7650,
69.5321


 122.7160, 61.7650,
69.5321


255.0000, 0.0000,
0.0000


 82.2640, 67.4108,
78.6985

 175.7550, 39.0678,
69.4979


 64.4170, 61.9124,
68.9173


 192.7780, 30.6754,
54.5687


 52.3690, 54.5411,
53.1734


 210.3880, 21.9937,
39.1247

 40.6200, 47.0223,
38.0443

 227.4110, 13.6014,
24.1956

 28.5720, 39.6510,
22.3004

 245.0210, 4.9196,
8.7516

 15.2570, 33.8903,
3.2826

 6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 122.7160, 61.7650,
69.5321

■ 122.7160, 61.7650,
69.5321

■ 106.2470, 69.8842,
78.7134

■ 139.1850, 53.6458,
60.3508

■ 89.7780, 78.0034,
87.8947

■ 155.6540, 45.5266,
51.1694

■ 84.4840, 80.6134,
90.7835

■ 171.5360, 37.6968,
42.5029

■ 188.0050, 29.5775,
33.3216

204.4740, 21.4583,
24.1403

220.9430, 13.3391,
14.9590

237.4120, 5.2199,
5.7777

252.7070, -2.3206,
-2.3740

254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



122.7160, 61.7650, 69.5321



94.9410, 34.0461, 140.3717

Triad

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



122.7160, 61.7650, 69.5321



122.8090, -60.5448, 52.7875



118.5150, 35.2421, -103.9377

Complementary

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



122.7160, 61.7650, 69.5321



183.2840, -61.7650, -69.5321

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.



106.6250, -5.2381, -93.5101



122.7160, 61.7650, 69.5321



114.7270, -56.5604, -12.0386

Square

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



122.7160, 61.7650, 69.5321



108.1760, -53.3308, 119.1176



92.1590, -45.4344, -80.8234



124.7510, 64.2128, -109.4066

Rectangle

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



122.7160, 61.7650, 69.5321



88.2150, 8.2750, 146.2704



92.1590, -45.4344, -80.8234



114.9810, 21.7014, -100.8383

Sweetspot

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



122.7160, 61.7650, 69.5321



216.1810, 19.1378, 21.7663



107.8360, 69.1009, -43.7062



104.1770, 11.7447, 12.9998



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.



122.7160, 61.7650, 69.5321



100.0120, 76.4091, 85.9355



131.1120, 34.4548, 102.5108



116.4720, 4.2043, 4.8481



64.3030, 61.4756, 69.0173



20.7080, 19.8640, 22.1811

Inverse Universe

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



120.0540, -7.9146, 112.2086



96.7630, -9.7432, 138.7738



175.0020, -34.0180, -102.6108



116.2290, -0.6059, 7.6922



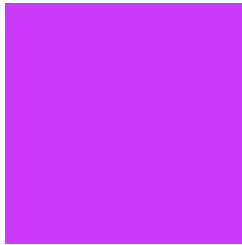
61.7550, -7.7672, 111.5939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 122.7160, 61.7650, 69.5321 looks on a white background.

Color Contrast Check

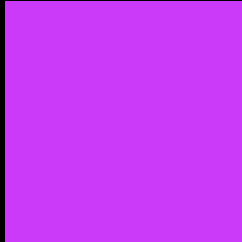
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7160, 61.7650, 69.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

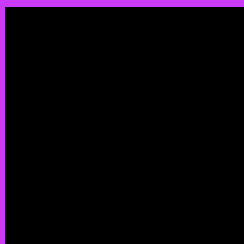
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7160, 61.7650, 69.5321 Background



This preview shows how black text looks on a background with the YUV color 122.7160, 61.7650, 69.5321.



This preview shows how white text looks on a background with the YUV color 122.7160, 61.7650,

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

122.7160, 61.7650, 69.5321

Protanopia

117.3840, 67.8447, -60.8498

Deuteranopia

104.8610, 64.1585, -91.9631



Tritanopia

131.3370, -7.5611, 45.3085

Trichromacy



Original Color

122.7160, 61.7650, 69.5321



Protanomaly

119.1110, 65.5143, -13.2523



Deuteranomaly

111.4090, 63.3954, -33.6847



Tritanomaly

128.3360, 17.5824, 54.0793

Monochromacy



Original Color

122.7160, 61.7650, 69.5321



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.7130, 22.3265, 25.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7160, 61.7650, 69.5321 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, 58, 248)` looks like.

```
.text, #text, p{  
    color:rgb(202, 58, 248)  
}
```

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, 58, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 58, 248) }
```

Border

The CSS property to change the border of an element to YUV 122.7160, 61.7650, 69.5321 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, 58, 248) }
```


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

```
.border{ border-color:rgb(202, 58, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 58, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 58, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 58, 248);  
box-shadow:4px 4px 4px 4px rgb(202, 58,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 122.7160, 61.7650, 69.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 58, 248) }
```

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

```
.background{ background-color: rgb(202, 58,  
248) }
```

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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