

Converting Colors

YUV(127.8780, 42.4581,
55.3580)

Have a look what the booklet for
YUV(127.8780, 42.4581, 55.3580)
contains.

YUV(127.8780, 42.4581, 55.3580)	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(127.8780, 42.4581,
55.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4FD6
RGB	191, 79, 214
RGB Percent	75%, 31%, 84%
CMY	0.2510, 0.6902, 0.1608
CMYK	0.11, 0.63, 0.00, 0.16
HSL	290°, 62%, 57%
HSV	290°, 63%, 84%
XYZ	36.4194, 21.5234, 65.8532
YIQ	127.8780, 23.4170, 65.7290

Conversions

Conversions Part 2

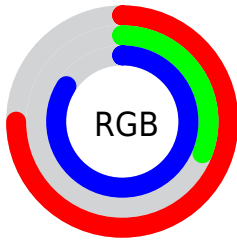
Format	Color
RYB	191, 79, 214
Decimal	12537814
CIELab	53.52, 63.52, -49.28
CIELCh	54, 80.392, 322.195
Yxy	21.5234, 0.2942, 0.1739
Android (android.graphics.Color)	4290727894 (0xFFBF4FD6)
YUV	127.8780, 42.4581, 55.3580
Hunter-Lab	46.3933, 58.9370, -51.6843

Details

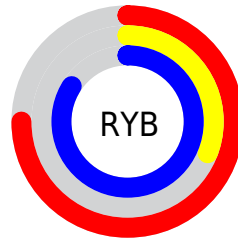
The YUV color **127.8780, 42.4581, 55.3580** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **165.1220, -42.4581, -55.3580**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0650, 35.4640, 58.7020**, and **64.6490, 46.5150, 60.8208** is the 20% darker color. If you saturate the color by 10%, you get **114.3550, 49.1250, 63.7097**, and if you desaturate by 10%, it is **141.4010, 35.7913, 47.0063**.

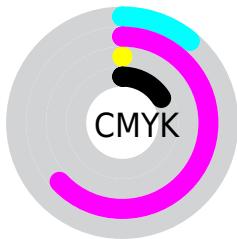
Distribution



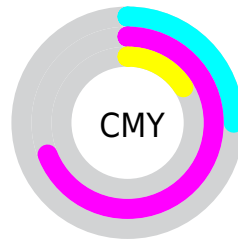
- Red (75%)
- Green (31%)
- Blue (84%)



- Red (75%)
- Yellow (31%)
- Blue (84%)



- Cyan (11%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)





- Cyan (25%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.8780, 42.4581, 55.3580 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 127.8780, 42.4581, 55.3580 by changing the saturation by 10% instead.


 127.8780, 42.4581,
55.3580


 127.8780, 42.4581,
55.3580


255.0000, 0.0000,
0.0000


 98.9920, 42.8949,
55.2580


 183.0650, 35.4640,
58.7020


 64.6490, 46.5150,
60.8208


 200.9960, 26.6240,
47.3615

 46.7420, 42.0322,
51.9693


 217.4320, 18.5210,
32.9471

 35.7050, 34.6554,
37.9697

 234.4550, 10.1287,
18.0180

 24.7820, 27.7155,
23.8702

 252.0650, 1.4470,
2.5740

 13.6740, 21.3597,
9.0559

 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 127.8780, 42.4581,
55.3580

■ 127.8780, 42.4581,
55.3580

■ 114.3550, 49.1250,
63.7097

■ 141.4010, 35.7913,
47.0063

■ 100.5440, 55.9338,
73.1909

■ 155.2120, 28.9825,
37.5251

■ 87.0210, 62.6006,
81.5426

■ 168.7350, 22.3156,
29.1734

■ 77.6180, 67.2363,
88.0350

■ 182.8450, 15.3594,
20.3069

196.0690, 8.8400,
11.3405

209.5920, 2.1731,
2.9888

223.7020, -4.7831,
-5.8777

236.9260,
-11.3025, -14.8441

241.0570,
-13.3391, -14.9590

Harmonies

Analogous

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



118.6680, 67.2117, -44.4358



127.8780, 42.4581, 55.3580



107.2310, 20.5921, 115.5614

Triad

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



127.8780, 42.4581, 55.3580



120.6830, -59.4967, 43.2510



112.5650, 32.7525, -98.7195

Complementary

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



127.8780, 42.4581, 55.3580



165.1220, -42.4581, -55.3580

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.



103.7700, 1.5924, -91.0063



127.8780, 42.4581, 55.3580



113.8740, -56.1399, -6.9055

Square

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



127.8780, 42.4581, 55.3580



115.0770, -56.7330, 90.2635



91.9430, -31.0309, -80.6340



117.4160, 58.9549, -102.9738

Rectangle

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



127.8780, 42.4581, 55.3580



101.4440, 0.7671, 127.6526



91.9430, -31.0309, -80.6340



109.8290, 22.2693, -96.3200

Sweetspot

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



127.8780, 42.4581, 55.3580



224.4320, 15.0700, 19.7921



109.0650, 51.7330, -26.3670



108.8950, 9.4188, 12.3701



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.



127.8780, 42.4581, 55.3580



131.2550, 61.0063, 79.5834



129.8530, 20.2855, 73.7969



99.9450, 3.4781, 4.4332



61.9520, 53.7607, 70.2021



15.6660, 13.4757, 17.8329

Inverse Universe

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



121.9870, -9.8536, 80.6954



122.7680, -14.1826, 115.9675



163.1470, -20.2855, -73.7969



99.5170, -0.7479, 6.5626



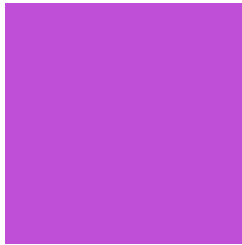
54.4350, -12.5395, 102.2275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 127.8780, 42.4581, 55.3580 looks on a white background.

Color Contrast Check

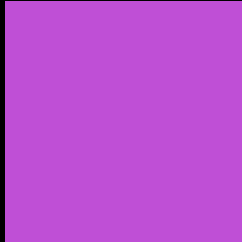
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8780, 42.4581, 55.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

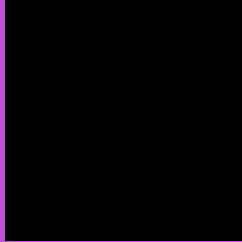
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.8780, 42.4581, 55.3580

Background



This preview shows how black text looks on a background with the YUV color 127.8780, 42.4581, 55.3580.



This preview shows how white text looks on a background with the YUV color 127.8780, 42.4581, 55.3580.

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

127.8780, 42.4581, 55.3580

Protanopia

114.4160, 69.3079, -63.5088

Deuteranopia

123.6220, 40.1194, -34.7485



Tritanopia

129.8420, -6.8241, 42.2346

Trichromacy



Original Color

127.8780, 42.4581, 55.3580



Protanomaly

119.4600, 59.4262, -20.5744



Deuteranomaly

125.0590, 40.8899, -1.8057



Tritanomaly

128.9840, 11.3469, 47.3720

Monochromacy



Original Color

127.8780, 42.4581, 55.3580



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.8450, 15.3594, 20.3069

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8780, 42.4581, 55.3580 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(191, 79, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 79, 214)  
}
```

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(191, 79, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 79, 214) }
```

Border

The CSS property to change the border of an element to YUV 127.8780, 42.4581, 55.3580 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(191, 79, 214) }
```


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

```
.border{ border-color:rgb(191, 79, 214) }
```

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

Here you see how a box with a 4 pixel rgb(191, 79, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 79, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 79, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 79,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 127.8780, 42.4581, 55.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 79, 214) }
```

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

```
.background{ background-color: rgb(191, 79,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor