

Converting Colors

YUV(127.6080, 51.9583,
41.5628)

Have a look what the booklet for
YUV(127.6080, 51.9583, 41.5628)
contains.

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Color

**YUV(127.6080, 51.9583,
41.5628)**

Conversions

Conversions Part 1

Format	Color
Hex	AF53E9
RGB	175, 83, 233
RGB Percent	69%, 33%, 91%
CMY	0.3137, 0.6745, 0.0863
CMYK	0.25, 0.64, 0.00, 0.09
HSL	277°, 77%, 62%
HSV	277°, 64%, 91%
XYZ	35.4804, 21.1837, 79.3096
YIQ	127.6080, 6.6820, 66.1540

Conversions

Conversions Part 2

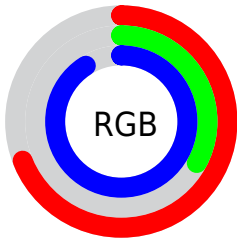
Format	Color
R _Y B	175, 83, 233
Decimal	11490281
CIE Lab	53.15, 61.95, -60.73
CIE LCh	53, 86.753, 315.574
Yxy	21.1837, 0.2609, 0.1558
Android (android.graphics.Color)	4289680361 (0xFFAF53E9)
YUV	127.6080, 51.9583, 41.5628
Hunter-Lab	46.0257, 57.0576, -69.9481

Details

The YUV color **127.6080, 51.9583, 41.5628** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **188.3920, -51.9583, -41.5628**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0420, 36.9543, 47.3212**, and **68.8470, 52.8264, 43.1072** is the 20% darker color. If you saturate the color by 10%, you get **111.4160, 59.9409, 47.8702**, and if you desaturate by 10%, it is **143.8000, 43.9756, 35.2554**.

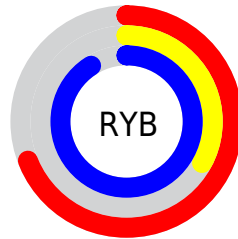
Distribution



Red (69%)

Green (33%)

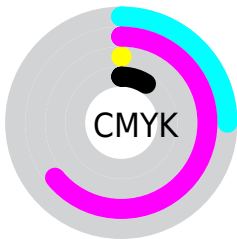
Blue (91%)



Red (69%)

Yellow (33%)

Blue (91%)

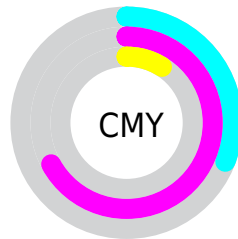


Cyan (25%)

Magenta (64%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (67%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6080, 51.9583, 41.5628 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 127.6080, 51.9583, 41.5628 by changing the saturation by 10% instead.

127.6080, 51.9583,
41.5628

127.6080, 51.9583,
41.5628

255.0000, 0.0000,
0.0000

99.1950, 51.6689,
41.0480

180.0420, 36.9543,
47.3212

68.8470, 52.8264,
43.1072

202.1700, 26.0452,
46.3319

43.5970, 51.9637,
39.8184

219.1930, 17.6529,
31.4027

31.8480, 44.4449,
24.6893

236.2160, 9.2605,
16.4736

20.0280, 37.9472,
8.7454

253.2390, 0.8682,
1.5444

8.2080, 31.4495,
-7.1984

7.8200, 19.8087,

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 127.6080, 51.9583,
41.5628

■ 127.6080, 51.9583,
41.5628

■ 111.4160, 59.9409,
47.8702

■ 143.8000, 43.9756,
35.2554

■ 94.6370, 68.2130,
54.6924

■ 160.5790, 35.7036,
28.4332

■ 78.4450, 76.1956,
60.9997

■ 176.7710, 27.7209,
22.1258

■ 69.3190, 80.6947,
64.6182

■ 192.9630, 19.7382,
15.8184

209.7420, 11.4662,
8.9963

225.9340, 3.4835,
2.6889

242.1260, -4.4991,
-3.6185

250.1000, -8.4303,
-2.7187

252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



127.6080, 51.9583, 41.5628



94.4940, 35.2525, 126.7318

Triad

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



127.6080, 51.9583, 41.5628



119.5860, -58.9559, 56.4911



111.5560, 26.3479, -97.8346

Complementary

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



127.6080, 51.9583, 41.5628



188.3920, -51.9583, -41.5628

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.



101.4900, -7.1436, -89.0067



127.6080, 51.9583, 41.5628



115.1140, -56.7512, 2.5310

Square

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



127.6080, 51.9583, 41.5628



110.2390, -48.9248, 105.9074



87.4630, -43.1193, -76.7051



118.1340, 56.6289, -103.6035

Rectangle

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



127.6080, 51.9583, 41.5628



88.9850, 13.8114, 143.8412



87.4630, -43.1193, -76.7051



108.0050, 15.2805, -94.7204

Sweetspot

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



127.6080, 51.9583, 41.5628



221.1430, 16.6915, 13.0296



135.3200, 48.1562, -45.8846



106.8020, 10.4506, 8.0666



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.



127.6080, 51.9583, 41.5628



117.2240, 67.9236, 54.1776



143.2400, 36.8567, 78.7195



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.



134.4620, 3.2232, 86.4178



126.2680, 4.3049, 112.8980



172.7600, -36.8567, -78.7195



109.7450, 0.1257, 6.3626



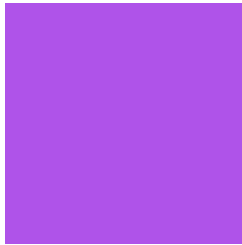
62.0990, 3.8952, 104.2762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 127.6080, 51.9583, 41.5628 looks on a white background.

Color Contrast Check

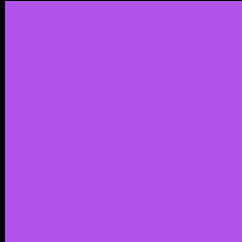
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6080, 51.9583, 41.5628 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 127.6080, 51.9583, 41.5628 Background



This preview shows how black text looks on a background with the YUV color 127.6080, 51.9583, 41.5628.



This preview shows how white text looks on a background with the YUV color 127.6080, 51.9583,

41.5628.

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

127.6080, 51.9583, 41.5628

Protanopia

111.4370, 70.7766, -67.9122

Deuteranopia

113.8170, 54.3202, -62.9835



Tritanopia

129.2850, -2.1125, 24.3061

Trichromacy



Original Color

127.6080, 51.9583, 41.5628

Protanomaly

116.9690, 64.1053, -28.0368

Deuteranomaly

118.5320, 53.4747, -25.0226

Tritanomaly

128.7800, 17.3635, 30.8879

Monochromacy



Original Color

127.6080, 51.9583, 41.5628

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0230, 18.7227, 14.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6080, 51.9583, 41.5628 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(175, 83, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 83, 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(175, 83, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 83, 233) }
```

Border

The CSS property to change the border of an element to YUV 127.6080, 51.9583, 41.5628 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(175, 83, 233) }
```


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

```
.border{ border-color:rgb(175, 83, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 83, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 83, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 83, 233); box-shadow:4px 4px 4px 4px rgb(175, 83, 233) }
```

Background

The CSS property to change the background color of an element to YUV 127.6080, 51.9583, 41.5628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 83, 233) }
```

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

```
.background{ background-color: rgb(175, 83,  
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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