

Converting Colors

YUV(127.0640, 53.7054,
41.1629)

Have a look what the booklet for
YUV(127.0640, 53.7054, 41.1629)
contains.

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Color

**YUV(127.0640, 53.7054,
41.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	AE52EC
RGB	174, 82, 236
RGB Percent	68%, 32%, 93%
CMY	0.3176, 0.6784, 0.0745
CMYK	0.26, 0.65, 0.00, 0.07
HSL	276°, 80%, 62%
HSV	276°, 65%, 93%
XYZ	35.6132, 21.0894, 81.5505
YIQ	127.0640, 5.3980, 67.3980

Conversions

Conversions Part 2

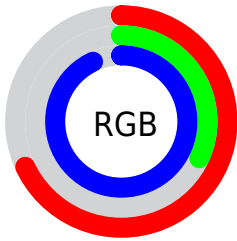
Format	Color
RYB	174, 82, 236
Decimal	11424492
CIELab	53.05, 62.85, -62.58
CIELCh	53, 88.691, 315.120
Yxy	21.0894, 0.2576, 0.1525
Android (android.graphics.Color)	4289614572 (0xFFAE52EC)
YUV	127.0640, 53.7054, 41.1629
Hunter-Lab	45.9232, 58.0602, -73.1411

Details

The YUV color **127.0640, 53.7054, 41.1629** 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 **190.9360, -53.7054, -41.1629**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1560, 37.3911, 47.2212**, and **68.0040, 54.7210, 42.0925** is the 20% darker color. If you saturate the color by 10%, you get **109.9860, 62.1249, 47.3703**, and if you desaturate by 10%, it is **144.1420, 45.2860, 34.9555**.

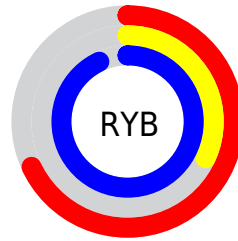
Distribution



Red (68%)

Green (32%)

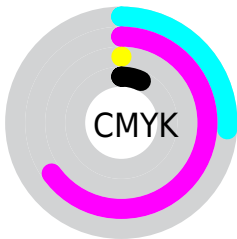
Blue (93%)



Red (68%)

Yellow (32%)

Blue (93%)

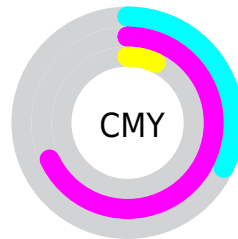


Cyan (26%)

Magenta (65%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (68%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0640, 53.7054, 41.1629 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 127.0640, 53.7054, 41.1629 by changing the saturation by 10% instead.

127.0640, 53.7054,
41.1629

127.0640, 53.7054,
41.1629

255.0000, 0.0000,
0.0000

98.6510, 53.4161,
40.6481

179.1560, 37.3911,
47.2212

68.0040, 54.7210,
42.0925

202.1700, 26.0452,
46.3319

43.6400, 53.4215,
38.9037

218.6060, 17.9422,
31.9175

31.5920, 46.0501,
23.1598

235.6290, 9.5499,
16.9884

19.3590, 39.2630,
6.7012

252.6520, 1.1576,
2.0592

8.4360, 32.3231,
-7.3984

8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 127.0640, 53.7054,
41.1629

■ 127.0640, 53.7054,
41.1629

■ 109.9860, 62.1249,
47.3703

■ 144.1420, 45.2860,
34.9555

■ 93.7940, 70.1076,
53.6777

■ 160.3340, 37.3033,
28.6481

■ 76.7160, 78.5270,
59.8851

■ 177.4120, 28.8839,
22.4407

■ 69.0630, 82.2999,
63.0887

■ 193.6040, 20.9012,
16.1333

210.6820, 12.4818,
9.9259

227.4610, 4.2097,
3.1037

243.9520, -3.9203,
-2.5889

251.3390, -7.5621,
-1.1743

252.8340, -8.2992,
1.8996

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



127.0640, 53.7054, 41.1629



90.9120, 38.0044, 130.7502

Triad

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



127.0640, 53.7054, 41.1629



119.2980, -58.8139, 57.6207



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.



127.0640, 53.7054, 41.1629



190.9360, -53.7054, -41.1629

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.



101.1480, -8.4540, -88.7068



127.0640, 53.7054, 41.1629



114.8260, -56.6092, 3.6606

Square

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



127.0640, 53.7054, 41.1629



108.7340, -49.6619, 108.9813



87.4630, -43.1193, -76.7051



118.3620, 57.5025, -103.8035

Rectangle

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



127.0640, 53.7054, 41.1629



89.5830, 13.5166, 145.0707



87.4630, -43.1193, -76.7051



108.4780, 14.5543, -95.1352

Sweetspot

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



127.0640, 53.7054, 41.1629



218.7840, 17.8545, 13.3444



137.1240, 48.7459, -48.3437



105.9160, 10.8874, 7.9667



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.



127.0640, 53.7054, 41.1629



114.2670, 69.3814, 53.2628



144.1200, 38.8878, 80.5788



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.



135.1140, 4.3808, 88.4770



124.6210, 5.6098, 114.3424



173.8800, -38.8878, -80.5788



109.7450, 0.1257, 6.3626



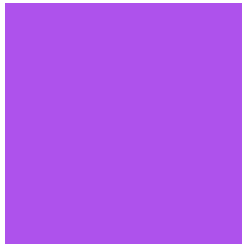
62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 127.0640, 53.7054, 41.1629 looks on a white background.

Color Contrast Check

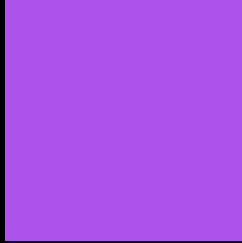
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0640, 53.7054, 41.1629 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 127.0640, 53.7054, 41.1629

Background



This preview shows how black text looks on a background with the YUV color 127.0640, 53.7054, 41.1629.



This preview shows how white text looks on a background with the YUV color 127.0640, 53.7054,

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

127.0640, 53.7054, 41.1629

Protanopia

110.2520, 71.3608, -68.6270

Deuteranopia

109.6740, 57.8417, -72.5051



Tritanopia

128.6870, -1.8177, 23.0765

Trichromacy



Original Color

127.0640, 53.7054, 41.1629



Protanomaly

116.1970, 64.9789, -28.2368



Deuteranomaly

115.8840, 56.2592, -31.4703



Tritanomaly

128.2960, 18.0951, 29.5584

Monochromacy



Original Color

127.0640, 53.7054, 41.1629



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.2510, 19.5963, 14.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0640, 53.7054, 41.1629 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(174, 82, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 82, 236)  
}
```

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(174, 82, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 82, 236) }
```

Border

The CSS property to change the border of an element to YUV 127.0640, 53.7054, 41.1629 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(174, 82, 236) }
```


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

```
.border{ border-color:rgb(174, 82, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 82, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 82, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 82, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 82,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 127.0640, 53.7054, 41.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 82, 236) }
```

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

```
.background{ background-color: rgb(174, 82,  
236) }
```

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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