

Converting Colors

YUV(120.4570, 57.4557, 4.8612)

Have a look what the booklet for
YUV(120.4570, 57.4557, 4.8612)
contains.

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Color

**YUV(120.4570, 57.4557,
4.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5FED
RGB	126, 95, 237
RGB Percent	49%, 37%, 93%
CMY	0.5059, 0.6275, 0.0706
CMYK	0.47, 0.60, 0.00, 0.07
HSL	253°, 80%, 65%
HSV	253°, 60%, 93%
XYZ	27.9825, 18.7345, 82.2620
YIQ	120.4570, -27.1060, 50.7340

Conversions

Conversions Part 2

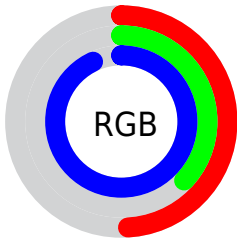
Format	Color
R_{YB}	126, 95, 237
Decimal	8282093
CIE _{Lab}	50.38, 46.52, -67.72
CIE _{LCh}	50, 82.158, 304.491
Yxy	18.7345, 0.2170, 0.1453
Android (android.graphics.Color)	4286472173 (0xFF7E5FED)
YUV	120.4570, 57.4557, 4.8612
Hunter-Lab	43.2833, 39.6535, -82.3852

Details

The YUV color $120.4570, 57.4557, 4.8612$ is a dark color, and the websafe version is hex $9966FF$. The color can be described as middle muted purple. A complement of this color would be $211.5430, -57.4557, -4.8612$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $170.6740, 41.5727, 12.5639$, and $66.6580, 55.8776, -2.3311$ is the 20% darker color. If you saturate the color by 10%, you get $100.6880, 67.2018, 5.5356$, and if you desaturate by 10%, it is $140.2260, 47.7096, 4.1868$.

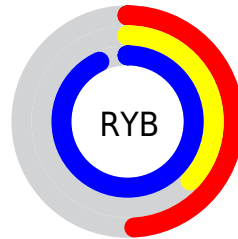
Distribution



Red (49%)

Green (37%)

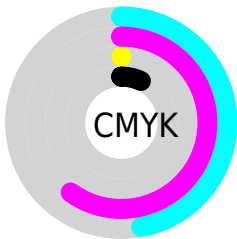
Blue (93%)



Red (49%)

Yellow (37%)

Blue (93%)

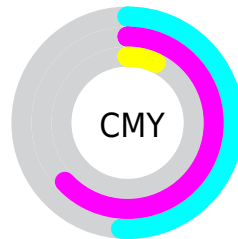


Cyan (47%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4570, 57.4557, 4.8612 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 120.4570, 57.4557, 4.8612 by changing the saturation by 10% instead.

■ 120.4570, 57.4557,
4.8612

■ 120.4570, 57.4557,
4.8612

■ 255.0000, 0.0000,
0.0000

■ 93.5060, 56.4455,
2.1872

■ 170.6740, 41.5727,
12.5639

■ 66.6580, 55.8776,
-2.3311

■ 195.4930, 29.3370,
17.1076

■ 38.1190, 56.6363,
-12.3824

■ 220.3120, 17.1012,
21.6514

■ 14.3640, 55.0365,
-12.5972

■ 240.3250, 7.2348,
12.8700

■ 11.4000, 43.6798,
-9.9978

■ 11.4850, 31.3129,
-10.0723

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 120.4570, 57.4557,
4.8612

■ 120.4570, 57.4557,
4.8612

■ 100.6880, 67.2018,
5.5356

■ 140.2260, 47.7096,
4.1868

■ 81.8050, 76.5111,
6.3100

■ 159.1090, 38.4003,
3.4124

■ 62.0360, 86.2573,
6.9844

■ 178.8780, 28.6541,
2.7380

■ 42.5660, 95.8560,
8.2736

■ 198.3480, 19.0554,
1.4488

■ 217.5300, 9.5987,
1.2892

■ 237.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



120.4570, 57.4557, 4.8612



109.6540, 35.6666, 87.1264

Triad

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



120.4570, 57.4557, 4.8612



111.4120, -54.9261, 70.6757



102.1690, 13.2277, -89.6022

Complementary

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



120.4570, 57.4557, 4.8612



211.5430, -57.4557, -4.8612

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.



91.2710, -18.3746, -80.0447



120.4570, 57.4557, 4.8612



111.9900, -55.2111, 21.9338

Square

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



120.4570, 57.4557, 4.8612



100.4890, -27.8491, 112.7041



98.0600, -48.3436, -34.2556



109.4480, 43.6561, -95.9859

Rectangle

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



120.4570, 57.4557, 4.8612



85.1710, 25.0587, 129.6460



98.0600, -48.3436, -34.2556



98.7320, 2.5971, -86.5880

Sweetspot

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



120.4570, 57.4557, 4.8612



217.2340, 18.6186, 1.5488



176.3450, 29.9029, -71.3396



104.3990, 11.6353, 1.4041



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.



120.4570, 57.4557, 4.8612



103.9360, 74.4746, 6.1951



141.6860, 46.9898, 48.5104



107.8520, 4.5100, 0.1298



32.5940, 73.1642, 6.4951



9.7440, 21.8182, 1.9785

Inverse Universe

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



150.1120, 27.5528, 76.2008



142.4320, 35.7760, 98.7221



190.3140, -46.9898, -48.5104



110.3150, 2.3097, 5.8627



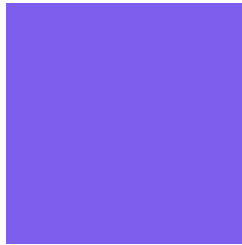
70.3070, 35.3446, 97.0778



20.9340, 10.3855, 28.9989

Previews

White Background



This preview shows how the YUV color 120.4570, 57.4557, 4.8612 looks on a white background.

Color Contrast Check

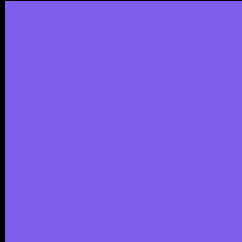
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4570, 57.4557, 4.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

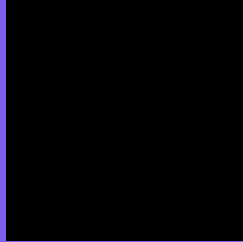
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4570, 57.4557, 4.8612

Background



This preview shows how black text looks on a background with the YUV color 120.4570, 57.4557, 4.8612.



This preview shows how white text looks on a background with the YUV color 120.4570, 57.4557,

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

120.4570, 57.4557, 4.8612

Protanopia

95.4350, 73.7355, -83.6965

Deuteranopia

95.8960, 57.7323, -84.1008



Tritanopia

117.3660, 8.2006, -16.9840

Trichromacy



Original Color

120.4570, 57.4557, 4.8612



Protanomaly

104.7380, 67.6702, -51.5132



Deuteranomaly

104.8060, 57.7766, -51.5729



Tritanomaly

118.1170, 26.0713, -8.8726

Monochromacy



Original Color

120.4570, 57.4557, 4.8612



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.2170, 21.0920, 1.5637

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4570, 57.4557, 4.8612 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(126, 95, 237)` looks like.

```
.text, #text, p{  
    color:rgb(126, 95, 237)  
}
```

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(126, 95, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 95, 237) }
```

Border

The CSS property to change the border of an element to YUV 120.4570, 57.4557, 4.8612 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(126, 95, 237) }
```


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

```
.border{ border-color:rgb(126, 95, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 95, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 95, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 95, 237);  
box-shadow:4px 4px 4px 4px rgb(126, 95,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 120.4570, 57.4557, 4.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 95, 237) }
```

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

```
.background{ background-color: rgb(126, 95,  
237) }
```

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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