

Converting Colors

YUV(121.9730, 58.1873, 3.5317)

Have a look what the booklet for
YUV(121.9730, 58.1873, 3.5317)
contains.

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Color

**YUV(121.9730, 58.1873,
3.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	7E61F0
RGB	126, 97, 240
RGB Percent	49%, 38%, 94%
CMY	0.5059, 0.6196, 0.0588
CMYK	0.47, 0.60, 0.00, 0.06
HSL	252°, 83%, 66%
HSV	252°, 60%, 94%
XYZ	28.6071, 19.2763, 84.6510
YIQ	121.9730, -28.6190, 50.6210

Conversions

Conversions Part 2

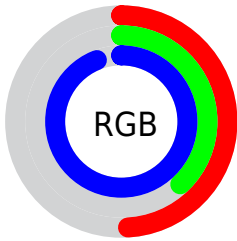
Format	Color
R _Y B	126, 97, 240
Decimal	8282608
CIE Lab	51.01, 46.25, -68.37
CIE LCh	51, 82.543, 304.076
Yxy	19.2763, 0.2158, 0.1454
Android (android.graphics.Color)	4286472688 (0xFF7E61F0)
YUV	121.9730, 58.1873, 3.5317
Hunter-Lab	43.9048, 39.4720, -83.5813

Details

The YUV color **121.9730, 58.1873, 3.5317** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **215.0270, -58.1873, -3.5317**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8480, 40.9939, 11.5343**, and **68.1740, 56.6092, -3.6606** is the 20% darker color. If you saturate the color by 10%, you get **102.2040, 67.9334, 4.2061**, and if you desaturate by 10%, it is **141.7420, 48.4412, 2.8573**.

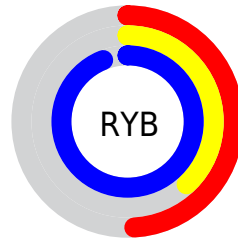
Distribution



Red (49%)

Green (38%)

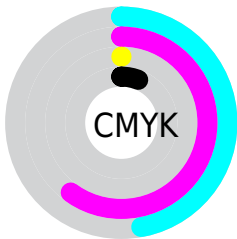
Blue (94%)



Red (49%)

Yellow (38%)

Blue (94%)

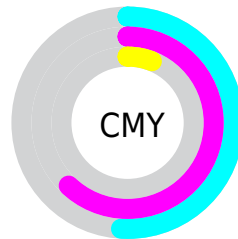


Cyan (47%)

Magenta (60%)

Yellow (0%)

Black (6%)



Cyan (51%)

Magenta (62%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9730, 58.1873, 3.5317 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 121.9730, 58.1873, 3.5317 by changing the saturation by 10% instead.

■ 121.9730, 58.1873,
3.5317

■ 121.9730, 58.1873,
3.5317

255.0000, 0.0000,
0.0000

■ 95.0220, 57.1772,
0.8577

■ 171.8480, 40.9939,
11.5343

■ 68.1740, 56.6092,
-3.6606

■ 196.6670, 28.7582,
16.0780

■ 38.9230, 57.2260,
-14.8415

■ 222.0730, 16.2330,
20.1070

■ 15.7660, 55.3314,
-13.8268

■ 241.4990, 6.6560,
11.8404

■ 11.7420, 44.9902,
-10.2977

■ 11.1260, 32.4759,
-9.7575

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 121.9730, 58.1873,
3.5317

■ 121.9730, 58.1873,
3.5317

■ 102.2040, 67.9334,
4.2061

■ 141.7420, 48.4412,
2.8573

■ 82.4350, 77.6795,
4.8805

■ 161.5110, 38.6951,
2.1829

■ 62.6660, 87.4257,
5.5549

■ 181.2800, 28.9490,
1.5084

■ 42.5980, 97.3192,
5.6146

■ 201.3480, 19.0554,
1.4488

■ 42.0110, 97.6086,
6.1294

■ 221.1170, 9.3093,
0.7744

■ 240.8860, -0.4368,
0.1000

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



104.2060, 74.3414, -91.3887



121.9730, 58.1873, 3.5317



111.4690, 36.2508, 86.4117

Triad

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



121.9730, 58.1873, 3.5317



112.8960, -55.6577, 72.0052



102.8700, 13.3751, -90.2170

Complementary

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



121.9730, 58.1873, 3.5317



215.0270, -58.1873, -3.5317

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.



92.4450, -18.9534, -81.0743



121.9730, 58.1873, 3.5317



113.1750, -55.7953, 22.6485

Square

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



121.9730, 58.1873, 3.5317



101.6140, -27.4177, 114.3485



100.1310, -49.3646, -33.4409



110.8500, 43.9509, -97.2154

Rectangle

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



121.9730, 58.1873, 3.5317



86.1110, 26.0743, 130.5757



100.1310, -49.3646, -33.4409



100.0200, 2.4551, -87.7175

Sweetspot

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



121.9730, 58.1873, 3.5317



216.9350, 18.7660, 0.9340



180.2200, 29.4715, -72.9839



104.1000, 11.7827, 0.7893



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.



121.9730, 58.1873, 3.5317



103.3380, 74.7694, 4.9656



143.2020, 47.7214, 47.1808



109.9660, 4.9468, 0.0298



32.0390, 74.9168, 4.3508



9.6730, 22.8392, 1.1638

Inverse Universe

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



152.7530, 28.7158, 76.5156



142.7740, 37.0864, 98.4222



193.7980, -47.7214, -47.1808



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 121.9730, 58.1873, 3.5317 looks on a white background.

Color Contrast Check

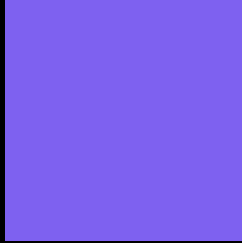
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9730, 58.1873, 3.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

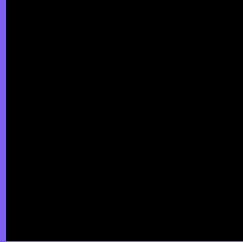
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.9730, 58.1873, 3.5317

Background



This preview shows how black text looks on a background with the YUV color 121.9730, 58.1873, 3.5317.



This preview shows how white text looks on a background with the YUV color 121.9730, 58.1873,

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

121.9730, 58.1873, 3.5317

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

97.4120, 58.4639, -85.4303



Tritanopia

118.4690, 8.6428, -18.8283

Trichromacy



Original Color

121.9730, 58.1873, 3.5317



Protanomaly

106.2540, 68.4018, -52.8428



Deuteranomaly

106.3220, 58.5083, -52.9024



Tritanomaly

119.6330, 26.8029, -10.2021

Monochromacy



Original Color

121.9730, 58.1873, 3.5317



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.9180, 21.2394, 0.9489

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9730, 58.1873, 3.5317 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, 97, 240)` looks like.

```
.text, #text, p{  
    color:rgb(126, 97, 240)  
}
```

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, 97, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 97, 240) }
```

Border

The CSS property to change the border of an element to YUV 121.9730, 58.1873, 3.5317 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, 97, 240) }
```


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

```
.border{ border-color:rgb(126, 97, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 97, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 97, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 97, 240);  
box-shadow:4px 4px 4px 4px rgb(126, 97,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 121.9730, 58.1873, 3.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 97, 240) }
```

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

```
.background{ background-color: rgb(126, 97,  
240) }
```

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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