

Converting Colors

YUV(120.4340, 62.3970, 6.6354)

Have a look what the booklet for
YUV(120.4340, 62.3970, 6.6354)
contains.

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Color

**YUV(120.4340, 62.3970,
6.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	805CF7
RGB	128, 92, 247
RGB Percent	50%, 36%, 97%
CMY	0.4980, 0.6392, 0.0314
CMYK	0.48, 0.63, 0.00, 0.03
HSL	254°, 91%, 66%
HSV	254°, 63%, 97%
XYZ	29.5177, 18.9589, 90.0994
YIQ	120.4340, -28.2990, 55.8370

Conversions

Conversions Part 2

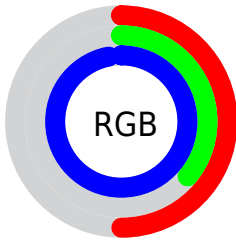
Format	Color
R_{YB}	128, 92, 247
Decimal	8412407
CIE _{Lab}	50.64, 51.36, -72.87
CIE _{LCh}	51, 89.152, 305.177
Yxy	18.9589, 0.2130, 0.1368
Android (android.graphics.Color)	4286602487 (0xFF805CF7)
YUV	120.4340, 62.3970, 6.6354
Hunter-Lab	43.5418, 44.8100, -92.2072

Details

The YUV color **120.4340, 62.3970, 6.6354** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **218.5660, -62.3970, -6.6354**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8100, 41.9987, 15.9526**, and **65.9230, 60.6770, -1.6865** is the 20% darker color. If you saturate the color by 10%, you get **100.0780, 72.4325, 7.8246**, and if you desaturate by 10%, it is **140.7900, 52.3615, 5.4462**.

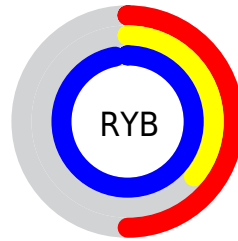
Distribution



Red (50%)

Green (36%)

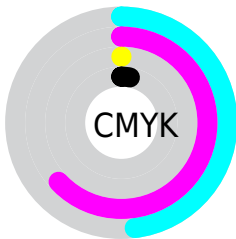
Blue (97%)



Red (50%)

Yellow (36%)

Blue (97%)

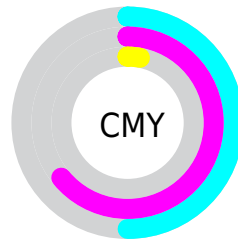


Cyan (48%)

Magenta (63%)

Yellow (0%)

Black (3%)



Cyan (50%)

Magenta (64%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4340, 62.3970, 6.6354 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 120.4340, 62.3970, 6.6354 by changing the saturation by 10% instead.

120.4340, 62.3970,
6.6354

120.4340, 62.3970,
6.6354

255.0000, 0.0000,
0.0000

93.1840, 61.5343,
3.3466

169.8100, 41.9987,
15.9526

65.9230, 60.6770,
-1.6865

194.6290, 29.7629,
20.4964

34.1280, 63.0409,
-13.2673

220.3340, 17.0903,
25.1401

15.3900, 58.9677,
-13.4970

238.5640, 8.1029,
14.4144

12.3120, 47.1742,
-10.7976

11.2230, 35.3861,
-9.8426

10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 120.4340, 62.3970,
6.6354

■ 120.4340, 62.3970,
6.6354

■ 100.0780, 72.4325,
7.8246

■ 140.7900, 52.3615,
5.4462

■ 80.3090, 82.1787,
8.4990

■ 160.5590, 42.6154,
4.7718

■ 59.9530, 92.2142,
9.6882

■ 180.9150, 32.5799,
3.5825

■ 45.2010, 99.4869,
10.3477

■ 201.2710, 22.5444,
2.3933

■ 221.6270, 12.5089,
1.2041

■ 241.3960, 2.7628,
0.5297

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



103.6190, 74.6308, -90.8739



120.4340, 62.3970, 6.6354



99.3000, 42.7431, 104.0999

Triad

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



120.4340, 62.3970, 6.6354



112.0210, -55.2264, 73.6496



103.6850, 13.9593, -90.9317

Complementary

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



120.4340, 62.3970, 6.6354



218.5660, -62.3970, -6.6354

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.



91.9890, -20.7006, -80.6744



120.4340, 62.3970, 6.6354



112.2780, -55.3531, 20.8042

Square

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



120.4340, 62.3970, 6.6354



92.2780, -27.7451, 126.0442



95.3470, -47.0061, -43.2773



112.2350, 46.7191, -98.4301

Rectangle

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



120.4340, 62.3970, 6.6354



88.1610, 23.5846, 135.7938



95.3470, -47.0061, -43.2773



100.1340, 2.8919, -87.8175

Sweetspot

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



120.4340, 62.3970, 6.6354



215.7610, 19.3448, 1.9636



180.6970, 32.6874, -77.7873



103.5130, 12.0721, 1.3041



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.



120.4340, 62.3970, 6.6354



98.9300, 76.9425, 7.9544



142.8590, 51.3415, 52.7437



112.2650, 4.7994, 0.6446



34.0610, 74.9059, 7.8395



10.9120, 23.7074, 2.7082

Inverse Universe

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



151.9110, 29.1309, 83.3931



137.8670, 36.0546, 102.7256



196.1410, -51.3415, -52.7437



114.7280, 2.5991, 6.3775



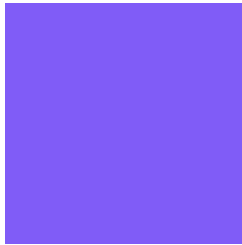
71.9160, 35.0444, 100.0517



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 120.4340, 62.3970, 6.6354 looks on a white background.

Color Contrast Check

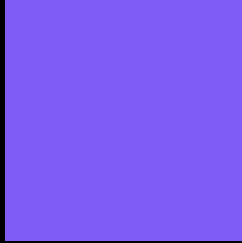
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4340, 62.3970, 6.6354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

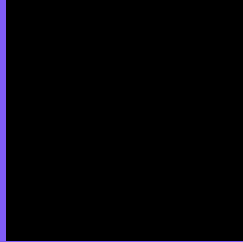
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4340, 62.3970, 6.6354

Background



This preview shows how black text looks on a background with the YUV color 120.4340, 62.3970, 6.6354.



This preview shows how white text looks on a background with the YUV color 120.4340, 62.3970,

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

120.4340, 62.3970, 6.6354

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

96.4830, 57.4429, -84.6156



Tritanopia

117.7680, 8.4954, -18.2135

Trichromacy



Original Color

120.4340, 62.3970, 6.6354



Protanomaly

104.9060, 69.5593, -50.7836



Deuteranomaly

105.4470, 58.9396, -51.2580



Tritanomaly

118.6870, 28.2553, -9.3725

Monochromacy



Original Color

120.4340, 62.3970, 6.6354



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.2710, 22.5444, 2.3933

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4340, 62.3970, 6.6354 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(128, 92, 247)` looks like.

```
.text, #text, p{  
    color:rgb(128, 92, 247)  
}
```

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(128, 92, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 92, 247) }
```

Border

The CSS property to change the border of an element to YUV 120.4340, 62.3970, 6.6354 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(128, 92, 247) }
```


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

```
.border{ border-color:rgb(128, 92, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 92, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 92, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 92, 247);  
box-shadow:4px 4px 4px 4px rgb(128, 92,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 120.4340, 62.3970, 6.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 92, 247) }
```

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

```
.background{ background-color: rgb(128, 92,  
247) }
```

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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