

Converting Colors

YUV(121.1250, 61.0704,
12.1684)

Have a look what the booklet for
YUV(121.1250, 61.0704, 12.1684)
contains.

YUV(121.1250, 61.0704, 12.1684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.1250, 61.0704,
12.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	875AF5
RGB	135, 90, 245
RGB Percent	53%, 35%, 96%
CMY	0.4706, 0.6471, 0.0392
CMYK	0.45, 0.63, 0.00, 0.04
HSL	257°, 89%, 66%
HSV	257°, 63%, 96%
XYZ	30.1293, 19.0558, 88.4764
YIQ	121.1250, -22.9350, 57.7450

Conversions

Conversions Part 2

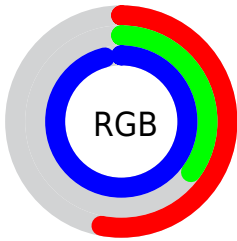
Format	Color
R _Y B	135, 90, 245
Decimal	8870645
CIE Lab	50.75, 53.19, -71.54
CIE LCh	51, 89.151, 306.633
Yxy	19.0558, 0.2189, 0.1384
Android (android.graphics.Color)	4287060725 (0xFF875AF5)
YUV	121.1250, 61.0704, 12.1684
Hunter-Lab	43.6529, 46.8081, -89.6127

Details

The YUV color **121.1250, 61.0704, 12.1684** 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 **213.8750, -61.0704, -12.1684**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7290, 41.5456, 21.2857**, and **66.7390, 59.7817, 5.4909** is the 20% darker color. If you saturate the color by 10%, you get **101.9540, 70.5217, 14.0723**, and if you desaturate by 10%, it is **140.2960, 51.6191, 10.2644**.

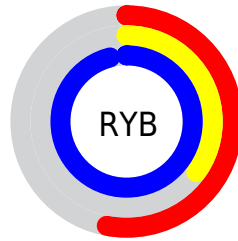
Distribution



Red (53%)

Green (35%)

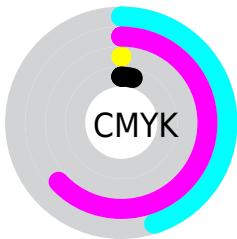
Blue (96%)



Red (53%)

Yellow (35%)

Blue (96%)

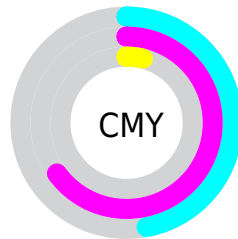


Cyan (45%)

Magenta (63%)

Yellow (0%)

Black (4%)



Cyan (47%)

Magenta (65%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1250, 61.0704, 12.1684 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 121.1250, 61.0704, 12.1684 by changing the saturation by 10% instead.

■ 121.1250, 61.0704,
12.1684

■ 121.1250, 61.0704,
12.1684

255.0000, 0.0000,
0.0000

■ 94.1740, 60.0602,
9.4944

■ 170.7290, 41.5456,
21.2857

■ 66.7390, 59.7817,
5.4909

■ 195.5480, 29.3098,
25.8294

■ 36.0480, 61.1083,
-0.0421

■ 220.9540, 16.7847,
29.8583

■ 15.1620, 58.0941,
-13.2971

■ 237.9770, 8.3923,
14.9292

■ 12.1980, 46.7374,
-10.6976

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 121.1250, 61.0704,
12.1684

■ 121.1250, 61.0704,
12.1684

■ 101.9540, 70.5217,
14.0723

■ 140.2960, 51.6191,
10.2644

■ 81.8970, 80.4098,
15.8763

■ 160.3530, 41.7310,
8.4604

■ 62.7260, 89.8611,
17.7803

■ 180.1110, 31.9903,
6.0417

■ 49.1590, 96.5496,
19.1546

■ 199.5810, 22.3916,
4.7525

■ 219.3390, 12.6509,
2.3337

■ 238.5100, 3.1996,
0.4297

■ 253.8600, -4.3680,
0.9998

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



121.1250, 61.0704, 12.1684



95.7460, 43.0162, 109.8478

Triad

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



121.1250, 61.0704, 12.1684



112.2980, -55.3629, 70.7757



104.1410, 15.7065, -91.3317

Complementary

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



121.1250, 61.0704, 12.1684



213.8750, -61.0704, -12.1684

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.



93.1460, -18.8060, -81.6890



121.1250, 61.0704, 12.1684



112.5550, -55.4896, 17.9303

Square

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



121.1250, 61.0704, 12.1684



94.5720, -30.3550, 123.1554



93.5420, -46.1162, -48.7103



112.6910, 48.4663, -98.8300

Rectangle

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



121.1250, 61.0704, 12.1684



88.1180, 22.1268, 136.7085



93.5420, -46.1162, -48.7103



100.5900, 4.6391, -88.2174

Sweetspot

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



121.1250, 61.0704, 12.1684



216.6580, 18.9026, 3.8079



172.8270, 35.5813, -72.6393



104.1110, 11.7773, 2.5337



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.



121.1250, 61.0704, 12.1684



99.8600, 76.4840, 15.0318



143.8490, 49.8674, 58.8914



112.5640, 4.6519, 1.2594



37.3500, 73.2845, 14.6020



11.8090, 23.2652, 4.5525

Inverse Universe

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



148.8850, 25.1997, 84.2929



134.7380, 31.6812, 105.4698



191.1510, -49.8674, -58.8914



114.6140, 2.1623, 6.4775



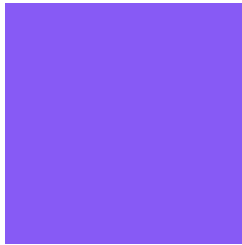
70.6620, 30.2396, 101.1514



22.4290, 9.6485, 32.0728

Previews

White Background



This preview shows how the YUV color 121.1250, 61.0704, 12.1684 looks on a white background.

Color Contrast Check

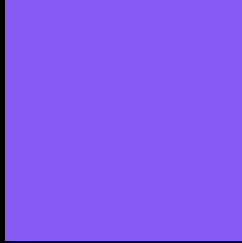
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1250, 61.0704, 12.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

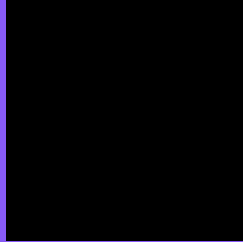
Any Text WCAG AA ✓ Pass

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 121.1250, 61.0704, 12.1684 Background



This preview shows how black text looks on a background with the YUV color 121.1250, 61.0704, 12.1684.



This preview shows how white text looks on a background with the YUV color 121.1250, 61.0704,

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

121.1250, 61.0704, 12.1684

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

96.5970, 57.8797, -84.7156



Tritanopia

119.0570, 6.8739, -11.4510

Trichromacy



Original Color

121.1250, 61.0704, 12.1684

Protanomaly

105.5040, 69.2645, -49.5540

Deuteranomaly

105.4580, 58.9342, -49.5137

Tritanomaly

119.9760, 26.6338, -2.6100

Monochromacy



Original Color

121.1250, 61.0704, 12.1684

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1680, 22.1022, 4.2377

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1250, 61.0704, 12.1684 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(135, 90, 245)` looks like.

```
.text, #text, p{  
    color:rgb(135, 90, 245)  
}
```

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(135, 90, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 90, 245) }
```

Border

The CSS property to change the border of an element to YUV 121.1250, 61.0704, 12.1684 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(135, 90, 245) }
```


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

```
.border{ border-color:rgb(135, 90, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 90, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 90, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 90, 245);  
box-shadow:4px 4px 4px 4px rgb(135, 90,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 121.1250, 61.0704, 12.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 90, 245) }
```

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

```
.background{ background-color: rgb(135, 90,  
245) }
```

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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