

Converting Colors

YUV(124.5710, 61.3435,
17.9162)

Have a look what the booklet for
YUV(124.5710, 61.3435, 17.9162)
contains.

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Color

**YUV(124.5710, 61.3435,
17.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	915AF9
RGB	145, 90, 249
RGB Percent	57%, 35%, 98%
CMY	0.4314, 0.6471, 0.0235
CMYK	0.42, 0.64, 0.00, 0.02
HSL	261°, 93%, 66%
HSV	261°, 64%, 98%
XYZ	32.4321, 20.1716, 91.8067
YIQ	124.5710, -18.2590, 61.1090

Conversions

Conversions Part 2

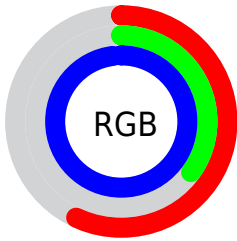
Format	Color
R_{YB}	145, 90, 249
Decimal	9526009
CIE _{Lab}	52.03, 56.16, -71.65
CIE _{LCh}	52, 91.036, 308.089
Yxy	20.1716, 0.2246, 0.1397
Android (android.graphics.Color)	4287716089 (0xFF915AF9)
YUV	124.5710, 61.3435, 17.9162
Hunter-Lab	44.9128, 50.2996, -89.7562

Details

The YUV color **124.5710, 61.3435, 17.9162** 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 **214.4290, -61.3435, -17.9162**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3060, 39.7821, 26.9186**, and **69.4950, 59.9020, 13.5979** is the 20% darker color. If you saturate the color by 10%, you get **105.1120, 70.9368, 20.9498**, and if you desaturate by 10%, it is **144.0300, 51.7502, 14.8827**.

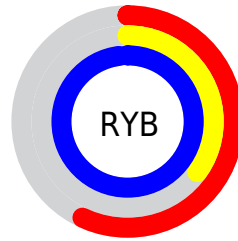
Distribution



Red (57%)

Green (35%)

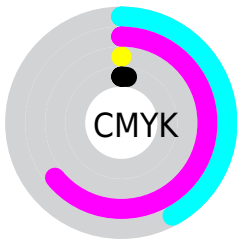
Blue (98%)



Red (57%)

Yellow (35%)

Blue (98%)

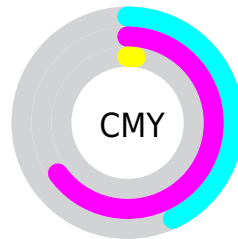


Cyan (42%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (43%)

Magenta (65%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.5710, 61.3435, 17.9162 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 124.5710, 61.3435, 17.9162 by changing the saturation by 10% instead.

124.5710, 61.3435,
17.9162

124.5710, 61.3435,
17.9162

255.0000, 0.0000,
0.0000

97.0330, 60.6227,
15.7571

174.3060, 39.7821,
26.9186

69.4950, 59.9020,
13.5979

199.1250, 27.5464,
31.4624

38.0540, 62.0914,
11.3536

221.5410, 16.4953,
29.3435

15.5040, 59.4045,
-13.5970

238.5640, 8.1029,
14.4144

12.5400, 48.0478,
-10.9976

9.6900, 37.1278,
-8.4981

10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 124.5710, 61.3435,
17.9162

■ 124.5710, 61.3435,
17.9162

■ 105.1120, 70.9368,
20.9498

■ 144.0300, 51.7502,
14.8827

■ 85.3540, 80.6775,
23.3685

■ 163.7880, 42.0095,
12.4639

■ 65.8950, 90.2708,
26.4021

■ 183.2470, 32.4162,
9.4304

■ 54.1000, 96.0857,
27.9763

■ 202.7060, 22.8229,
6.3968

■ 221.5780, 13.5190,
3.8781

■ 241.3360, 3.7784,
1.4593

■ 254.3160, -2.6208,
0.5999

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



124.5710, 61.3435, 17.9162



91.2080, 45.7465, 120.8436

Triad

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



124.5710, 61.3435, 17.9162



115.5430, -56.9627, 70.5608



107.4010, 18.0433, -94.1907

Complementary

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



124.5710, 61.3435, 17.9162



214.4290, -61.3435, -17.9162

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.



96.1780, -17.3428, -84.3481



124.5710, 61.3435, 17.9162



114.9030, -56.6472, 15.8711

Square

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



124.5710, 61.3435, 17.9162



99.1330, -34.5756, 123.5404



92.9000, -45.7997, -56.9173



116.0650, 51.2400, -101.7890

Rectangle

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



124.5710, 61.3435, 17.9162



90.5100, 20.9476, 141.6267



92.9000, -45.7997, -56.9173



104.3230, 6.2498, -91.4913

Sweetspot

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



124.5710, 61.3435, 17.9162



217.2560, 18.6078, 5.0375



170.3480, 38.7754, -70.4652



104.4100, 11.6299, 3.1484



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.



124.5710, 61.3435, 17.9162



101.6760, 75.5887, 22.2091



147.8930, 49.8458, 65.8688



114.9770, 4.9413, 1.7742



40.9810, 72.9734, 21.0647



13.2330, 23.5491, 6.8117

Inverse Universe

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



149.3970, 21.9893, 87.3518



132.1960, 27.0184, 107.6991



191.1070, -49.8458, -65.8688



116.9130, 2.0149, 7.0923



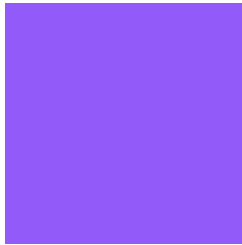
70.5330, 25.8662, 103.8956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 124.5710, 61.3435, 17.9162 looks on a white background.

Color Contrast Check

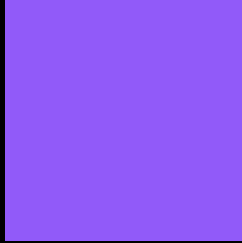
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.5710, 61.3435, 17.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

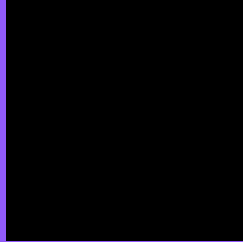
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.5710, 61.3435, 17.9162

Background



This preview shows how black text looks on a background with the YUV color 124.5710, 61.3435, 17.9162.



This preview shows how white text looks on a background with the YUV color 124.5710, 61.3435,

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

124.5710, 61.3435, 17.9162

Protanopia

98.6950, 76.0724, -86.5555

Deuteranopia

99.7430, 59.7797, -87.4746



Tritanopia

123.3460, 5.2524, -4.6884

Trichromacy



Original Color

124.5710, 61.3435, 17.9162



Protanomaly

107.9710, 71.0063, -48.2096



Deuteranomaly

109.0990, 60.0972, -49.1988



Tritanomaly

124.0800, 25.5966, 3.4378

Monochromacy



Original Color

124.5710, 61.3435, 17.9162



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.5920, 22.3861, 6.4968

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5710, 61.3435, 17.9162 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(145, 90, 249)` looks like.

```
.text, #text, p{  
    color:rgb(145, 90, 249)  
}
```

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(145, 90, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 90, 249) }
```

Border

The CSS property to change the border of an element to YUV 124.5710, 61.3435, 17.9162 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(145, 90, 249) }
```


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

```
.border{ border-color:rgb(145, 90, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 90, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 90, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 90, 249);  
box-shadow:4px 4px 4px 4px rgb(145, 90,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 124.5710, 61.3435, 17.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 90, 249) }
```

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

```
.background{ background-color: rgb(145, 90,  
249) }
```

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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