

Converting Colors

YUV(149.8430, 41.9824,
21.1857)

Have a look what the booklet for
YUV(149.8430, 41.9824, 21.1857)
contains.

YUV(149.8430, 41.9824, 21.1857)	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(149.8430, 41.9824,
21.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	AE79EB
RGB	174, 121, 235
RGB Percent	68%, 47%, 92%
CMY	0.3176, 0.5255, 0.0784
CMYK	0.26, 0.49, 0.00, 0.08
HSL	268°, 74%, 70%
HSV	268°, 49%, 92%
XYZ	39.2883, 28.6716, 82.0607
YIQ	149.8430, -5.0060, 46.6900

Conversions

Conversions Part 2

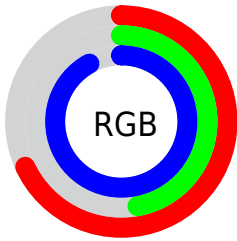
Format	Color
RYB	174, 121, 235
Decimal	11434475
CIELab	60.49, 42.76, -50.13
CIELCh	60, 65.886, 310.464
Yxy	28.6716, 0.2619, 0.1911
Android (android.graphics.Color)	4289624555 (0xFFAE79EB)
YUV	149.8430, 41.9824, 21.1857
Hunter-Lab	53.5458, 37.2660, -53.3817

Details

The YUV color **149.8430, 41.9824, 21.1857** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **206.1570, -41.9824, -21.1857**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1630, 26.5416, 27.0440**, and **96.7780, 40.5354, 18.6117** is the 20% darker color. If you saturate the color by 10%, you get **132.4550, 50.5547, 25.0340**, and if you desaturate by 10%, it is **167.8180, 33.1207, 16.8226**.

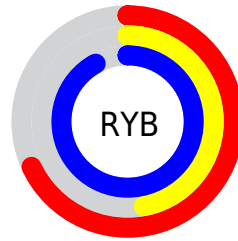
Distribution



Red (68%)

Green (47%)

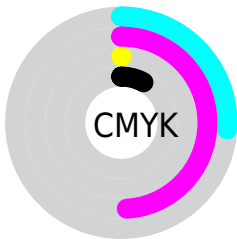
Blue (92%)



Red (68%)

Yellow (47%)

Blue (92%)

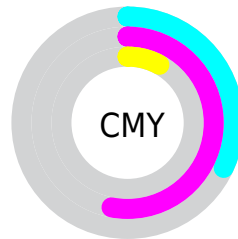


Cyan (26%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8430, 41.9824, 21.1857 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 149.8430, 41.9824, 21.1857 by changing the saturation by 10% instead.

149.8430, 41.9824,
21.1857

149.8430, 41.9824,
21.1857

255.0000, 0.0000,
0.0000

122.9030, 40.9668,
20.2561

201.1630, 26.5416,
27.0440

96.7780, 40.5354,
18.6117

223.8890, 15.3377,
27.2843

71.4250, 39.2305,
17.1673

240.9120, 6.9454,
12.3552

45.7130, 39.0885,
16.0377

22.0500, 37.9364,
12.2342

11.2410, 31.4332,
-1.9654

7.5750, 21.4085,

-6.6433

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 149.8430, 41.9824,
21.1857

■ 149.8430, 41.9824,
21.1857

■ 132.4550, 50.5547,
25.0340

■ 167.8180, 33.1207,
16.8226

■ 114.7790, 59.2690,
30.0118

■ 184.9070, 24.6958,
12.3596

■ 97.3910, 67.8412,
33.8601

■ 202.8820, 15.8342,
7.9965

■ 79.7150, 76.5555,
38.8379

■ 219.9710, 7.4093,
3.5334

■ 62.3270, 85.1278,
42.6862

■ 237.3590, -1.1630,
-0.3148

■ 59.3810, 86.5802,
43.5159

■ 250.9260, -7.8515,
-1.6891

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



128.2270, 62.4991, -72.9901



149.8430, 41.9824, 21.1857



145.7390, 19.8487, 73.8969

Triad

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



149.8430, 41.9824, 21.1857



139.6400, -57.5035, 57.3207



120.3610, 22.0070, -105.5566

Complementary

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



149.8430, 41.9824, 21.1857



206.1570, -41.9824, -21.1857

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.



111.7600, -3.3327, -98.0135



149.8430, 41.9824, 21.1857



134.3950, -66.2567, 18.0706

Square

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



149.8430, 41.9824, 21.1857



140.8310, -33.4407, 86.0942



128.3620, -39.6185, -32.7665



125.4570, 46.6097, -110.0258

Rectangle

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



149.8430, 41.9824, 21.1857



141.6800, 2.6228, 92.3656



128.3620, -39.6185, -32.7665



118.0810, 13.2711, -103.5570

Sweetspot

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



149.8430, 41.9824, 21.1857



226.7140, 13.9450, 7.2668



170.9770, 31.5633, -43.8298



110.6120, 8.5723, 3.8483



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.



149.8430, 41.9824, 21.1857



144.5030, 54.4750, 27.6229



166.2880, 33.8750, 54.9984



108.7490, 4.0677, 1.9741



45.7500, 66.6783, 33.5453



13.6310, 19.9019, 9.9706

Inverse Universe

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



162.0400, 9.8403, 63.9859



160.2580, 12.6908, 83.0887



189.7120, -33.8750, -54.9984



109.9730, 0.9993, 6.1627



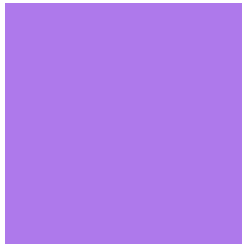
65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 149.8430, 41.9824, 21.1857 looks on a white background.

Color Contrast Check

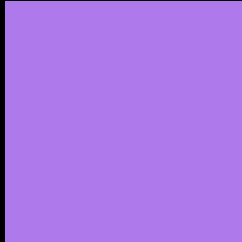
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.8430, 41.9824, 21.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

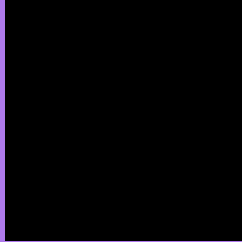
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.8430, 41.9824, 21.1857

Background



This preview shows how black text looks on a background with the YUV color 149.8430, 41.9824, 21.1857.



This preview shows how white text looks on a background with the YUV color 149.8430, 41.9824, 21.1857.

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

149.8430, 41.9824, 21.1857

Protanopia

140.8290, 56.2863, -40.1920

Deuteranopia

141.8220, 43.4718, -36.6779



Tritanopia

147.6360, 2.1515, 9.9662

Trichromacy



Original Color

149.8430, 41.9824, 21.1857

Protanomaly

144.0060, 51.2690, -17.5453

Deuteranomaly

144.8400, 42.9699, -15.6457

Tritanomaly

148.4420, 16.5441, 13.6444

Monochromacy



Original Color

149.8430, 41.9824, 21.1857

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8430, 41.9824, 21.1857 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(174, 121, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 121, 235)  
}
```

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(174, 121, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 121, 235) }
```

Border

The CSS property to change the border of an element to YUV 149.8430, 41.9824, 21.1857 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(174, 121, 235) }
```


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

```
.border{ border-color:rgb(174, 121, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 121, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 121, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 121, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 121,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 149.8430, 41.9824, 21.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 121, 235) }
```

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

```
.background{ background-color: rgb(174,  
121, 235) }
```

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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