

Converting Colors

YUV(110.1030, 71.4342,
48.1447)

Have a look what the booklet for
YUV(110.1030, 71.4342, 48.1447)
contains.

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Color

**YUV(110.1030, 71.4342,
48.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	A536FF
RGB	165, 54, 255
RGB Percent	65%, 21%, 100%
CMY	0.3529, 0.7882, 0.0000
CMYK	0.35, 0.79, 0.00, 0.00
HSL	273°, 100%, 61%
HSV	273°, 79%, 100%
XYZ	34.8862, 17.8577, 96.2159
YIQ	110.1030, 1.6350, 86.0430

Conversions

Conversions Part 2

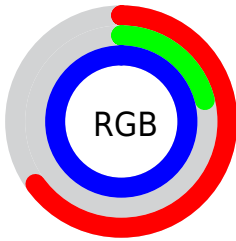
Format	Color
R _Y B	165, 54, 255
Decimal	10827519
CIE Lab	49.32, 76.43, -79.30
CIE LCh	49, 110.133, 313.945
Yxy	17.8577, 0.2342, 0.1199
Android (android.graphics.Color)	4289017599 (0xFFA536FF)
YUV	110.1030, 71.4342, 48.1447
Hunter-Lab	42.2583, 73.4080, -105.4136

Details

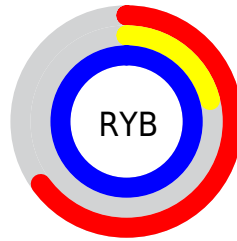
The YUV color **110.1030, 71.4342, 48.1447** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **198.8970, -71.4342, -48.1447**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9750, 45.3683, 55.2729**, and **53.5540, 70.7189, 44.2411** is the 20% darker color. If you saturate the color by 10%, you get **91.5520, 80.5799, 54.7669**, and if you desaturate by 10%, it is **128.6540, 62.2886, 41.5224**.

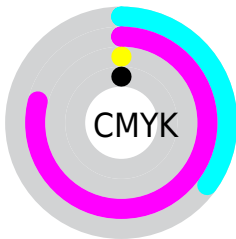
Distribution



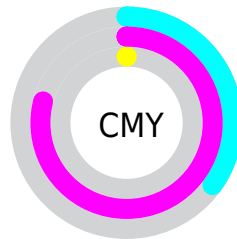
- Red (65%)
- Green (21%)
- Blue (100%)



- Red (65%)
- Yellow (21%)
- Blue (100%)



- Cyan (35%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.1030, 71.4342, 48.1447 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 110.1030, 71.4342, 48.1447 by changing the saturation by 10% instead.


 110.1030, 71.4342,
48.1447


 110.1030, 71.4342,
48.1447


255.0000, 0.0000,
0.0000


 73.1730, 75.3437,
54.2223


 162.9750, 45.3683,
55.2729


 53.5540, 70.7189,
44.2411


 188.6690, 32.7012,
58.1723


 40.7940, 63.2056,
27.3677


 205.6920, 24.3088,
43.2431

 25.9410, 56.7241,
6.1907

 222.7150, 15.9165,
28.3139

 13.1100, 50.2318,
-11.4975

 239.7380, 7.5242,
13.3848

 10.1460, 38.8750,
-8.8980

 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.8670, 8.4466,
-2.5144

■ 110.1030, 71.4342,
48.1447

■ 110.1030, 71.4342,
48.1447

■ 91.5520, 80.5799,
54.7669

■ 128.6540, 62.2886,
41.5224

■ 73.2890, 89.5835,
60.2595

■ 146.9170, 53.2849,
36.0298

■ 71.2290, 90.5991,
61.1892

■ 165.4680, 44.1393,
29.4076

■ 183.7310, 35.1356,
23.9149

■ 201.6950, 26.2794,
17.8075

■ 220.5450, 16.9863,
11.8000

■ 239.0960, 7.8407,
5.1778

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



110.1030, 71.4342, 48.1447



94.2440, 37.8407, 136.5980

Triad

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



110.1030, 71.4342, 48.1447



109.8950, -54.1782, 64.1131



106.8770, 26.1896, -93.7311

Complementary

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



110.1030, 71.4342, 48.1447



198.8970, -71.4342, -48.1447

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.



93.7160, -16.6220, -82.1889



110.1030, 71.4342, 48.1447



105.0470, -51.7882, -2.6722

Square

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



110.1030, 71.4342, 48.1447



72.0590, -35.5251, 148.1613



83.3540, -41.0935, -73.1015



117.4960, 64.3385, -103.0440

Rectangle

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



110.1030, 71.4342, 48.1447



88.7850, 10.4590, 145.7706



83.3540, -41.0935, -73.1015



103.2290, 12.2121, -90.5318

Sweetspot

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



110.1030, 71.4342, 48.1447



211.1200, 21.6328, 14.8038



129.7440, 61.7512, -66.4275



101.1980, 13.2134, 8.5964



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.



110.1030, 71.4342, 48.1447



80.6540, 85.9526, 58.1854



135.8730, 53.7996, 104.4744



118.5750, 4.6465, 3.0037



53.4680, 67.8033, 46.0706



17.7610, 22.7958, 15.1186

Inverse Universe

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



124.3590, 9.6830, 114.5722



97.6700, 11.5017, 137.9784



173.1270, -53.7996, -104.4744



119.4570, 0.2677, 7.4922



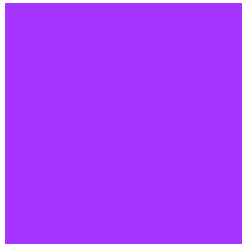
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 110.1030, 71.4342, 48.1447 looks on a white background.

Color Contrast Check

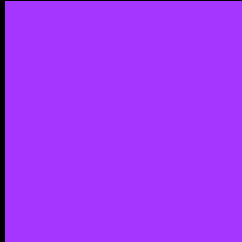
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.1030, 71.4342, 48.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

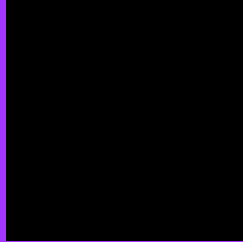
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.1030, 71.4342, 48.1447

Background



This preview shows how black text looks on a background with the YUV color 110.1030, 71.4342, 48.1447.



This preview shows how white text looks on a background with the YUV color 110.1030, 71.4342, 48.1447.

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

110.1030, 71.4342, 48.1447

Protanopia

93.4630, 71.2567, -81.9671

Deuteranopia

94.0380, 55.6903, -82.4713



Tritanopia

118.5830, -0.7804, 17.0287

Trichromacy



Original Color

110.1030, 71.4342, 48.1447



Protanomaly

99.7600, 71.1103, -34.8695



Deuteranomaly

99.8280, 61.2168, -34.9292



Tritanomaly

115.5330, 25.3732, 28.4736

Monochromacy



Original Color

110.1030, 71.4342, 48.1447



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.2820, 25.9900, 17.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1030, 71.4342, 48.1447 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(165, 54, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 54, 255)  
}
```

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(165, 54, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 54, 255) }
```

Border

The CSS property to change the border of an element to YUV 110.1030, 71.4342, 48.1447 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(165, 54, 255) }
```


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

```
.border{ border-color:rgb(165, 54, 255) }
```

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

Here you see how a box with a 4 pixel rgb(165, 54, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 54, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 54, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 54,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 110.1030, 71.4342, 48.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 54, 255) }
```

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

```
.background{ background-color: rgb(165, 54,  
255) }
```

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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