

Converting Colors

YUV(145.2270, 49.6811,
25.2339)

Have a look what the booklet for
YUV(145.2270, 49.6811, 25.2339)
contains.

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Color

**YUV(145.2270, 49.6811,
25.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6FF6
RGB	174, 111, 246
RGB Percent	68%, 44%, 96%
CMY	0.3176, 0.5647, 0.0353
CMYK	0.29, 0.55, 0.00, 0.04
HSL	268°, 88%, 70%
HSV	268°, 55%, 96%
XYZ	39.7746, 27.0214, 90.3081
YIQ	145.2270, -5.7870, 55.3410

Conversions

Conversions Part 2

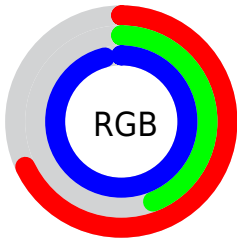
Format	Color
RYB	174, 111, 246
Decimal	11431926
CIELab	58.99, 50.74, -58.61
CIElCh	59, 77.522, 310.882
Yxy	27.0214, 0.2532, 0.1720
Android (android.graphics.Color)	4289622006 (0xFFAE6FF6)
YUV	145.2270, 49.6811, 25.2339
Hunter-Lab	51.9821, 45.6122, -66.6166

Details

The YUV color **145.2270, 49.6811, 25.2339** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **211.7730, -49.6811, -25.2339**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2930, 29.4356, 32.1920**, and **91.7490, 47.9447, 22.1451** is the 20% darker color. If you saturate the color by 10%, you get **126.6650, 58.8322, 30.1118**, and if you desaturate by 10%, it is **163.7890, 40.5300, 20.3560**.

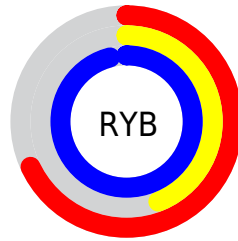
Distribution



Red (68%)

Green (44%)

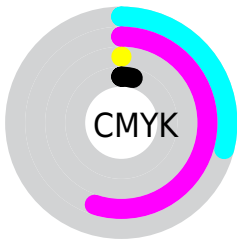
Blue (96%)



Red (68%)

Yellow (44%)

Blue (96%)

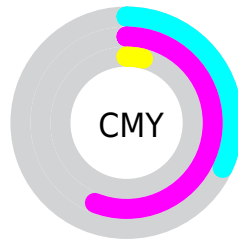


Cyan (29%)

Magenta (55%)

Yellow (0%)

Black (4%)



Cyan (32%)


Magenta (56%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.2270, 49.6811, 25.2339 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 145.2270, 49.6811, 25.2339 by changing the saturation by 10% instead.


 145.2270, 49.6811,
25.2339


 145.2270, 49.6811,
25.2339


255.0000, 0.0000,
0.0000

 117.9880, 48.8129,
23.6895


 195.2930, 29.4356,
32.1920


 91.7490, 47.9447,
22.1451


 218.0190, 18.2316,
32.4323


 64.9230, 47.3660,
21.1155

 235.0420, 9.8393,
17.5032

 34.3900, 49.1077,
22.4600

 252.0650, 1.4470,
2.5740

 20.6840, 43.0468,
6.4161

 9.4620, 36.2542,
-8.2982

 8.4870, 24.9029,

-7.4431

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 145.2270, 49.6811,
25.2339

■ 145.2270, 49.6811,
25.2339

■ 126.6650, 58.8322,
30.1118

■ 163.7890, 40.5300,
20.3560

■ 108.6900, 67.6938,
34.4749

■ 181.7640, 31.6683,
15.9930

■ 90.1280, 76.8449,
39.3527

■ 200.3260, 22.5173,
11.1151

■ 72.1530, 85.7066,
43.7158

■ 218.3010, 13.6556,
6.7520

■ 62.4290, 90.5005,
46.1048

■ 237.1620, 4.3571,
2.4889

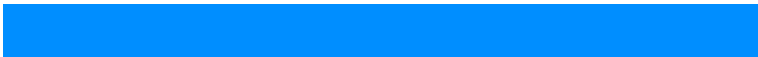
■ 253.3760, -3.6364,
-0.3298

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



112.4240, 70.2900, -98.5958



145.2270, 49.6811, 25.2339



136.6300, 25.3254, 90.6555

Triad

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



145.2270, 49.6811, 25.2339



133.2080, -65.6715, 63.8386



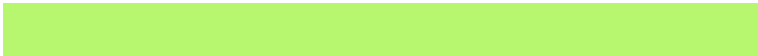
119.8880, 22.7332, -105.1418

Complementary

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



145.2270, 49.6811, 25.2339



211.7730, -49.6811, -25.2339

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.



109.9190, -7.8481, -96.3990



145.2270, 49.6811, 25.2339



130.8400, -64.5041, 15.9263

Square

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



145.2270, 49.6811, 25.2339



132.0670, -37.9940, 99.9192



117.3210, -50.9373, -42.3775



126.0100, 51.2671, -110.5108

Rectangle

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



145.2270, 49.6811, 25.2339



127.7670, 7.5099, 111.5833



117.3210, -50.9373, -42.3775



117.1520, 12.2501, -102.7423

Sweetspot

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



145.2270, 49.6811, 25.2339



224.3550, 15.1080, 7.5817



168.6540, 38.1316, -50.5626



109.4380, 9.1511, 4.8779



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.



145.2270, 49.6811, 25.2339



129.4740, 61.8843, 31.1563



165.5590, 39.6574, 67.0388



113.1620, 4.3571, 2.4889



47.2170, 68.4200, 34.8897



14.7990, 21.7911, 10.7003

Inverse Universe

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



159.5730, 11.5495, 75.7965



147.3780, 14.1106, 94.3845



191.4410, -39.6574, -67.0388



114.3860, 1.2887, 6.6775



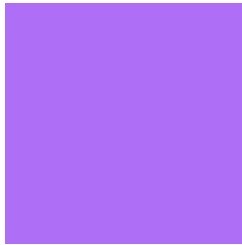
66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 145.2270, 49.6811, 25.2339 looks on a white background.

Color Contrast Check

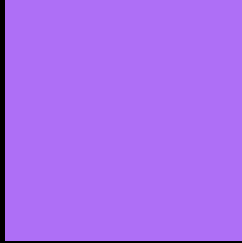
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2270, 49.6811, 25.2339 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 145.2270, 49.6811, 25.2339

Background



This preview shows how black text looks on a background with the YUV color 145.2270, 49.6811, 25.2339.



This preview shows how white text looks on a background with the YUV color 145.2270, 49.6811, 25.2339.

25.2339.

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

145.2270, 49.6811, 25.2339

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

133.3130, 52.1037, -52.0175



Tritanopia

143.8210, 1.5672, 10.6810

Trichromacy



Original Color

145.2270, 49.6811, 25.2339



Protanomaly

138.8470, 55.7844, -19.1598



Deuteranomaly

137.3750, 51.5801, -24.0079



Tritanomaly

144.7350, 18.8646, 16.0184

Monochromacy



Original Color

145.2270, 49.6811, 25.2339



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.4630, 18.0127, 9.2409

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2270, 49.6811, 25.2339 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, 111, 246)` looks like.

```
.text, #text, p{  
    color:rgb(174, 111, 246)  
}
```

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, 111, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 111, 246) }
```

Border

The CSS property to change the border of an element to YUV 145.2270, 49.6811, 25.2339 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, 111, 246) }
```


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

```
.border{ border-color:rgb(174, 111, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 111, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 111, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 111, 246);  
box-shadow:4px 4px 4px 4px rgb(174, 111,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 145.2270, 49.6811, 25.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 111, 246) }
```

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

```
.background{ background-color: rgb(174,  
111, 246) }
```

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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