

Converting Colors

YUV(146.6510, 43.0631, 1.1831)

Have a look what the booklet for
YUV(146.6510, 43.0631, 1.1831)
contains.

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Color

**YUV(146.6510, 43.0631,
1.1831)**

Conversions

Conversions Part 1

Format	Color
Hex	9481EA
RGB	148, 129, 234
RGB Percent	58%, 51%, 92%
CMY	0.4196, 0.4941, 0.0824
CMYK	0.37, 0.45, 0.00, 0.08
HSL	251°, 71%, 71%
HSV	251°, 45%, 92%
XYZ	34.9143, 27.9369, 81.3941
YIQ	146.6510, -22.3810, 36.6830

Conversions

Conversions Part 2

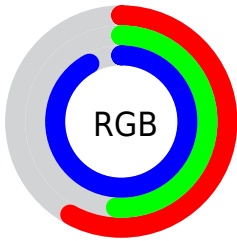
Format	Color
R_{YB}	148, 129, 234
Decimal	9732586
CIE _{Lab}	59.83, 31.23, -50.77
CIE _{LCh}	60, 59.604, 301.596
Yxy	27.9369, 0.2420, 0.1937
Android (android.graphics.Color)	4287922666 (0xFF9481EA)
YUV	146.6510, 43.0631, 1.1831
Hunter-Lab	52.8554, 25.4134, -54.3042

Details

The YUV color $146.6510, 43.0631, 1.1831$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $216.3490, -43.0631, -1.1831$, and the grayscale version is $146.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.1990, 28.4959, 6.8415$, and $94.1730, 41.3267, -1.9057$ is the 20% darker color. If you saturate the color by 10%, you get $127.4690, 52.5198, 1.3427$, and if you desaturate by 10%, it is $165.8330, 33.6063, 1.0235$.

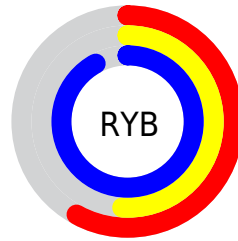
Distribution



Red (58%)

Green (51%)

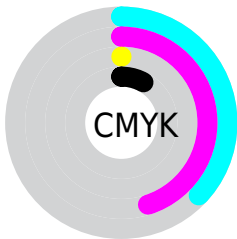
Blue (92%)



Red (58%)

Yellow (51%)

Blue (92%)

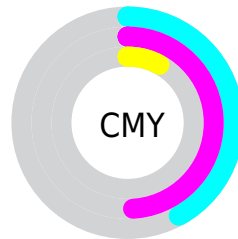


Cyan (37%)

Magenta (45%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (49%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6510, 43.0631, 1.1831 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 146.6510, 43.0631, 1.1831 by changing the saturation by 10% instead.

■ 146.6510, 43.0631,
1.1831

■ 146.6510, 43.0631,
1.1831

255.0000, 0.0000,
0.0000

■ 120.2980, 41.7581,
-0.2613

■ 197.1990, 28.4959,
6.8415

■ 94.1730, 41.3267,
-1.9057

■ 222.3060, 16.1181,
10.2556

■ 69.1080, 39.8798,
-4.4797

■ 245.0210, 4.9196,
8.7516

■ 44.2600, 39.3118,
-8.9980

■ 19.5040, 39.1915,
-17.1050

■ 8.4360, 32.3231,
-7.3984

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 146.6510, 43.0631,
1.1831

■ 146.6510, 43.0631,
1.1831

■ 127.4690, 52.5198,
1.3427

■ 165.8330, 33.6063,
1.0235

■ 107.7000, 62.2659,
2.0171

■ 185.6020, 23.8602,
0.3490

■ 88.5180, 71.7226,
2.1767

■ 204.7840, 14.4035,
0.1894

■ 68.4500, 81.6162,
2.2363

■ 224.8520, 4.5100,
0.1298

■ 49.2680, 91.0729,
2.3960

■ 244.0340, -4.9468,
-0.0298

■ 39.2340, 96.0196,
2.4258

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



115.8490, 65.6434, -101.5996



146.6510, 43.0631, 1.1831



147.2420, 23.5447, 55.0388

Triad

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



146.6510, 43.0631, 1.1831



140.5770, -45.1475, 60.8840



115.7330, 14.4286, -101.4978

Complementary

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



146.6510, 43.0631, 1.1831



216.3490, -43.0631, -1.1831

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.



113.3230, -10.5122, -81.8443



146.6510, 43.0631, 1.1831



136.9090, -55.6641, 27.2668

Square

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



146.6510, 43.0631, 1.1831



140.6270, -23.9731, 82.7651



131.7880, -42.2935, -14.7231



121.1880, 37.8683, -106.2819

Rectangle

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



146.6510, 43.0631, 1.1831



143.7750, 8.4919, 76.4963



131.7880, -42.2935, -14.7231



113.0940, 6.8557, -99.1834

Sweetspot

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



146.6510, 43.0631, 1.1831



227.5560, 13.5299, 0.3894



192.0390, 20.6868, -55.2852



110.5900, 8.5831, 0.3596



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.



146.6510, 43.0631, 1.1831



140.2070, 56.5929, 1.5725



161.9000, 35.5453, 32.5367



107.8520, 4.5100, 0.1298



30.5010, 74.1960, 2.1916



9.1460, 22.1130, 0.7490

Inverse Universe

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



170.1990, 22.0869, 55.9535



171.1440, 29.0160, 73.5417



201.1000, -35.5453, -32.5367



110.3150, 2.3097, 5.8627



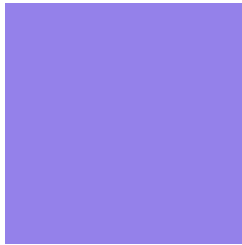
70.9910, 37.9654, 96.4779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 146.6510, 43.0631, 1.1831 looks on a white background.

Color Contrast Check

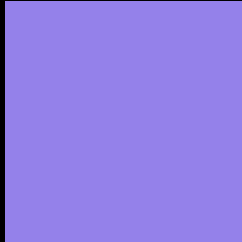
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6510, 43.0631, 1.1831 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 146.6510, 43.0631, 1.1831 Background



This preview shows how black text looks on a background with the YUV color 146.6510, 43.0631, 1.1831.



This preview shows how white text looks on a background with the YUV color 146.6510, 43.0631, 1.1831.

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

146.6510, 43.0631, 1.1831

Protanopia

140.2980, 51.6181, -36.2183

Deuteranopia

138.9680, 45.3718, -39.4369



Tritanopia

142.8830, 7.4527, -10.4214

Trichromacy



Original Color

146.6510, 43.0631, 1.1831

Protanomaly

142.8760, 48.3751, -22.6933

Deuteranomaly

142.1270, 44.3074, -24.6674

Tritanomaly

144.3470, 20.5349, -6.4433

Monochromacy



Original Color

146.6510, 43.0631, 1.1831

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.5390, 16.0033, 0.4043

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6510, 43.0631, 1.1831 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(148, 129, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 234)  
}
```

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(148, 129, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 234) }
```

Border

The CSS property to change the border of an element to YUV 146.6510, 43.0631, 1.1831 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(148, 129, 234) }
```


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

```
.border{ border-color:rgb(148, 129, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 146.6510, 43.0631, 1.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 234) }
```

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

```
.background{ background-color: rgb(148,  
129, 234) }
```

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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