

Converting Colors

YUV(149.6810, 34.1743, 5.5418)

Have a look what the booklet for
YUV(149.6810, 34.1743, 5.5418)
contains.

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Color

**YUV(149.6810, 34.1743,
5.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	9C85DB
RGB	156, 133, 219
RGB Percent	61%, 52%, 86%
CMY	0.3882, 0.4784, 0.1412
CMYK	0.29, 0.39, 0.00, 0.14
HSL	256°, 54%, 69%
HSV	256°, 39%, 86%
XYZ	34.8840, 28.9575, 70.7686
YIQ	149.6810, -13.8980, 31.6220

Conversions

Conversions Part 2

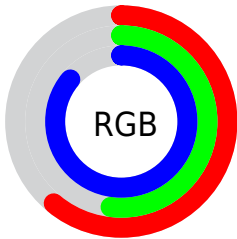
Format	Color
R_{YB}	156, 133, 219
Decimal	10257883
CIE _{Lab}	60.74, 27.19, -40.93
CIE _{LCh}	61, 49.136, 303.601
Yxy	28.9575, 0.2591, 0.2151
Android (android.graphics.Color)	4288447963 (0xFF9C85DB)
YUV	149.6810, 34.1743, 5.5418
Hunter-Lab	53.8121, 21.5424, -40.3041

Details

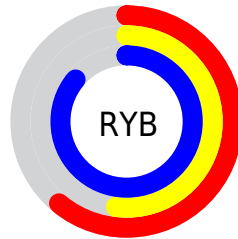
The YUV color **149.6810, 34.1743, 5.5418** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **202.3190, -34.1743, -5.5418**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6400, 26.3065, 9.0857**, and **97.9150, 32.5799, 3.5825** is the 20% darker color. If you saturate the color by 10%, you get **131.9830, 42.8994, 7.0309**, and if you desaturate by 10%, it is **167.3790, 25.4492, 4.0526**.

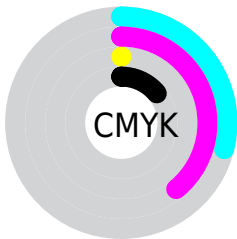
Distribution



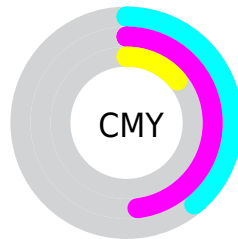
- Red (61%)
- Green (52%)
- Blue (86%)



- Red (61%)
- Yellow (52%)
- Blue (86%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.6810, 34.1743, 5.5418 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 149.6810, 34.1743, 5.5418 by changing the saturation by 10% instead.

■ 149.6810, 34.1743,
5.5418

■ 149.6810, 34.1743,
5.5418

255.0000, 0.0000,
0.0000

■ 123.7410, 33.1587,
4.6121

■ 201.6400, 26.3065,
9.0857

■ 97.9150, 32.5799,
3.5825

■ 226.7470, 13.9287,
12.4999

■ 73.5620, 31.2749,
2.1381

■ 247.9560, 3.4727,
6.1776

■ 49.9100, 30.1174,
0.0789

■ 26.0620, 29.5494,
-4.4394

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 149.6810, 34.1743,
5.5418

■ 149.6810, 34.1743,
5.5418

■ 131.9830, 42.8994,
7.0309

■ 167.3790, 25.4492,
4.0526

■ 114.2850, 51.6245,
8.5201

■ 185.0770, 16.7240,
2.5635

■ 96.5870, 60.3496,
10.0092

■ 202.7750, 7.9989,
1.0743

■ 78.8890, 69.0747,
11.4983

■ 220.4730, -0.7262,
-0.4148

■ 61.7780, 77.5104,
12.4727

■ 238.1710, -9.4513,
-1.9040

■ 44.0800, 86.2356,
13.9618

■ 249.9990,
-15.2825, 1.7549

■ 42.6070, 86.9617,
14.3767

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



135.8520, 47.8940, -55.1212



149.6810, 34.1743, 5.5418



150.2920, 17.6040, 47.1019

Triad

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



149.6810, 34.1743, 5.5418



144.4600, -37.6948, 50.4626



115.8300, 17.3388, -101.5829

Complementary

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



149.6810, 34.1743, 5.5418



202.3190, -34.1743, -5.5418

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.



126.8790, -10.2933, -58.6529



149.6810, 34.1743, 5.5418



141.7200, -42.2600, 21.2936

Square

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



149.6810, 34.1743, 5.5418



145.6960, -22.0351, 67.7956



137.0190, -32.5474, -14.0487



120.0310, 35.9737, -105.2672

Rectangle

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



149.6810, 34.1743, 5.5418



148.6610, 4.6041, 63.4413



137.0190, -32.5474, -14.0487



114.0060, 10.3500, -99.9833

Sweetspot

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



149.6810, 34.1743, 5.5418



230.2250, 12.2141, 2.4337



179.7850, 19.3330, -41.0304



113.2480, 7.2727, 0.6595



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.



149.6810, 34.1743, 5.5418



158.2480, 47.6987, 7.6755



162.5380, 27.8358, 31.9772



101.1510, 4.3626, 0.7446



33.4760, 68.7853, 10.9835



8.8320, 18.3238, 2.7783

Inverse Universe

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



165.8960, 14.8413, 46.5722



180.9120, 20.7494, 64.9752



189.4620, -27.8358, -31.9772



103.2010, 1.8729, 5.9627



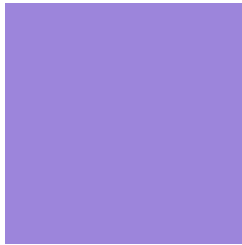
66.2050, 29.9719, 93.6592



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 149.6810, 34.1743, 5.5418 looks on a white background.

Color Contrast Check

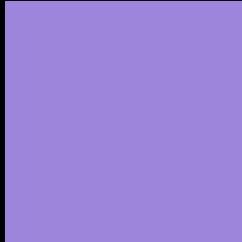
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.6810, 34.1743, 5.5418 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 149.6810, 34.1743, 5.5418

Background



This preview shows how black text looks on a background with the YUV color 149.6810, 34.1743, 5.5418.



This preview shows how white text looks on a background with the YUV color 149.6810, 34.1743, 5.5418.

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

149.6810, 34.1743, 5.5418

Protanopia

145.2040, 40.8184, -25.6119

Deuteranopia

145.0100, 34.9981, -25.4418



Tritanopia

146.7700, 5.5364, -2.4293

Trichromacy



Original Color

149.6810, 34.1743, 5.5418

Protanomaly

146.9990, 38.4545, -14.0311

Deuteranomaly

146.6740, 34.6707, -13.7461

Tritanomaly

147.5390, 16.0033, 0.4043

Monochromacy



Original Color

149.6810, 34.1743, 5.5418

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9260, 12.3615, 1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6810, 34.1743, 5.5418 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(156, 133, 219)` looks like.

```
.text, #text, p{  
    color:rgb(156, 133, 219)  
}
```

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(156, 133, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 133, 219) }
```

Border

The CSS property to change the border of an element to YUV 149.6810, 34.1743, 5.5418 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(156, 133, 219) }
```


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

```
.border{ border-color:rgb(156, 133, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 133, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 133, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 133, 219);  
box-shadow:4px 4px 4px 4px rgb(156, 133,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 149.6810, 34.1743, 5.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 133, 219) }
```

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

```
.background{ background-color: rgb(156,  
133, 219) }
```

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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