

Converting Colors

YUV(163.3820, 34.3217, 4.9270)

Have a look what the booklet for
YUV(163.3820, 34.3217, 4.9270)
contains.

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Color

**YUV(163.3820, 34.3217,
4.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	A993E9
RGB	169, 147, 233
RGB Percent	66%, 58%, 91%
CMY	0.3373, 0.4235, 0.0863
CMYK	0.27, 0.37, 0.00, 0.09
HSL	255°, 66%, 75%
HSV	255°, 37%, 91%
XYZ	41.5039, 35.1856, 81.6948
YIQ	163.3820, -14.4940, 31.4100

Conversions

Conversions Part 2

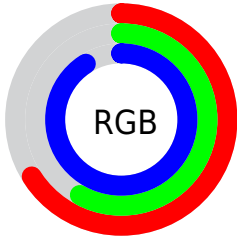
Format	Color
R_{YB}	169, 147, 233
Decimal	11113449
CIE _{Lab}	65.89, 26.35, -40.54
CIE _{LCh}	66, 48.350, 303.018
Yxy	35.1856, 0.2620, 0.2222
Android (android.graphics.Color)	4289303529 (0xFFA993E9)
YUV	163.3820, 34.3217, 4.9270
Hunter-Lab	59.3175, 21.0892, -40.1347

Details

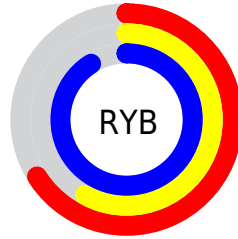
The YUV color $163.3820, 34.3217, 4.9270$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $216.6180, -34.3217, -4.9270$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.6310, 19.9019, 9.9706$, and $110.9150, 32.5799, 3.5825$ is the 20% darker color. If you saturate the color by 10%, you get $144.7980, 43.4836, 6.3162$, and if you desaturate by 10%, it is $181.9660, 25.1598, 3.5378$.

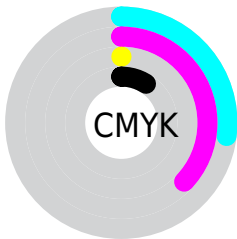
Distribution



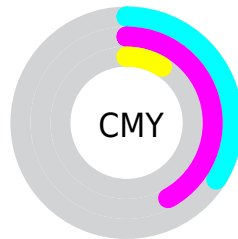
- Red (66%)
- Green (58%)
- Blue (91%)



- Red (66%)
- Yellow (58%)
- Blue (91%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3820, 34.3217, 4.9270 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 163.3820, 34.3217, 4.9270 by changing the saturation by 10% instead.

■ 163.3820, 34.3217,
4.9270

■ 163.3820, 34.3217,
4.9270

■ 255.0000, 0.0000,
0.0000

■ 136.8550, 33.5955,
4.5122

■ 214.6310, 19.9019,
9.9706

■ 110.9150, 32.5799,
3.5825

■ 239.7380, 7.5242,
13.3848

■ 85.6760, 31.7117,
2.0381

■ 61.4370, 30.8436,
0.4938

■ 38.0730, 29.5440,
-2.6950

■ 13.1430, 30.0025,
-9.7724

■ 5.8140, 22.2767,

-5.0989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 163.3820, 34.3217,
4.9270

■ 163.3820, 34.3217,
4.9270

■ 144.7980, 43.4836,
6.3162

■ 181.9660, 25.1598,
3.5378

■ 125.3280, 53.0823,
7.6053

■ 201.4360, 15.5611,
2.2486

■ 106.7440, 62.2442,
8.9945

■ 220.0200, 6.3991,
0.8595

■ 88.1600, 71.4061,
10.3837

■ 238.6040, -2.7628,
-0.5297

■ 68.6900, 81.0048,
11.6729

■ 252.4920, -9.6096,
2.1995

■ 50.1060, 90.1667,
13.0620

■ 44.5020, 92.9295,
13.5917

Harmonies

Analogous

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



151.0480, 47.3043, -52.6621



163.3820, 34.3217, 4.9270



164.5800, 17.4621, 45.9723

Triad

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



163.3820, 34.3217, 4.9270



158.8730, -37.4054, 50.9774



125.4160, 18.5289, -109.9898

Complementary

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



163.3820, 34.3217, 4.9270



216.6180, -34.3217, -4.9270

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.



142.2600, -11.4672, -55.4790



163.3820, 34.3217, 4.9270



155.7310, -42.2654, 23.0379

Square

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



163.3820, 34.3217, 4.9270



159.9950, -22.1825, 68.4104



150.9160, -32.9896, -12.2043



129.7310, 37.6006, -113.7741

Rectangle

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



163.3820, 34.3217, 4.9270



162.6610, 4.6041, 63.4413



150.9160, -32.9896, -12.2043



123.7060, 11.9769, -108.4902

Sweetspot

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



163.3820, 34.3217, 4.9270



232.2850, 11.1985, 1.5041



194.9590, 18.7542, -42.0600



114.1340, 6.8359, 0.7595



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.



163.3820, 34.3217, 4.9270



164.4390, 44.6466, 6.6310



176.2390, 27.9832, 31.3624



108.1510, 4.3626, 0.7446



34.3880, 72.2797, 10.1837



10.3420, 21.5234, 3.2081

Inverse Universe

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



180.0100, 15.2781, 46.4722



185.9500, 19.7447, 60.5569



204.0600, -28.1306, -30.7476



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 163.3820, 34.3217, 4.9270 looks on a white background.

Color Contrast Check

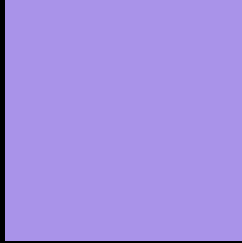
Large Text (above 18pt) WCAG AA × Fail

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 163.3820, 34.3217, 4.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

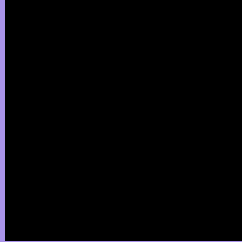
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3820, 34.3217, 4.9270

Background



This preview shows how black text looks on a background with the YUV color 163.3820, 34.3217, 4.9270.



This preview shows how white text looks on a background with the YUV color 163.3820, 34.3217,

4.9270.

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

163.3820, 34.3217, 4.9270

Protanopia

158.9160, 40.9604, -24.4823

Deuteranopia

159.1350, 35.4294, -23.7974



Tritanopia

160.4710, 5.6838, -3.0441

Trichromacy



Original Color

163.3820, 34.3217, 4.9270

Protanomaly

160.4120, 38.7439, -13.5163

Deuteranomaly

160.7880, 35.1075, -13.8461

Tritanomaly

161.2400, 16.1507, -0.2105

Monochromacy



Original Color

163.3820, 34.3217, 4.9270

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9260, 12.3615, 1.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3820, 34.3217, 4.9270 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(169, 147, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 147, 233)  
}
```

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(169, 147, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 147, 233) }
```

Border

The CSS property to change the border of an element to YUV 163.3820, 34.3217, 4.9270 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(169, 147, 233) }
```


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

```
.border{ border-color:rgb(169, 147, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 147, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 147, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 147, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 147,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 163.3820, 34.3217, 4.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 147, 233) }
```

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

```
.background{ background-color: rgb(169,  
147, 233) }
```

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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