

Converting Colors

YUV(145.3340, 54.0653,
19.0011)

Have a look what the booklet for
YUV(145.3340, 54.0653, 19.0011)
contains.

YUV(145.3340, 54.0653, 19.0011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.3340, 54.0653,
19.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	A771FF
RGB	167, 113, 255
RGB Percent	65%, 44%, 100%
CMY	0.3451, 0.5569, 0.0000
CMYK	0.35, 0.56, 0.00, 0.00
HSL	263°, 100%, 72%
HSV	263°, 56%, 100%
XYZ	39.8915, 27.2457, 97.7642
YIQ	145.3340, -13.3980, 55.6100

Conversions

Conversions Part 2

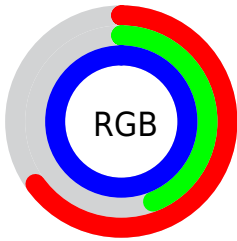
Format	Color
R_{YB}	167, 113, 255
Decimal	10973695
CIE _{Lab}	59.20, 50.21, -63.29
CIE _{LCh}	59, 80.789, 308.428
Yxy	27.2457, 0.2419, 0.1652
Android (android.graphics.Color)	4289163775 (0xFFA771FF)
YUV	145.3340, 54.0653, 19.0011
Hunter-Lab	52.1975, 45.0716, -74.5101

Details

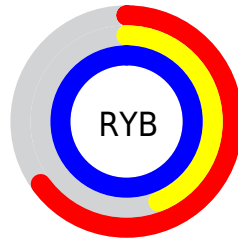
The YUV color **145.3340, 54.0653, 19.0011** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **222.6660, -54.0653, -19.0011**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0860, 30.0306, 27.9886**, and **91.4430, 52.0396, 15.3975** is the 20% darker color. If you saturate the color by 10%, you get **125.8750, 63.6586, 22.0346**, and if you desaturate by 10%, it is **165.3800, 44.1827, 15.4527**.

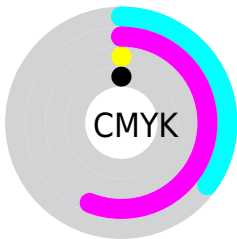
Distribution



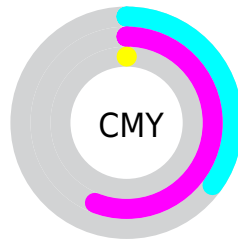
- Red (65%)
- Green (44%)
- Blue (100%)



- Red (65%)
- Yellow (44%)
- Blue (100%)



- Cyan (35%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3340, 54.0653, 19.0011 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 145.3340, 54.0653, 19.0011 by changing the saturation by 10% instead.

145.3340, 54.0653,
19.0011

145.3340, 54.0653,
19.0011

255.0000, 0.0000,
0.0000

118.0950, 53.1972,
17.4567

194.0860, 30.0306,
27.9886

91.4430, 52.0396,
15.3975

219.1930, 17.6529,
31.4027

64.9050, 51.3188,
13.2383

236.2160, 9.2605,
16.4736

35.5350, 52.4872,
11.8088

253.2390, 0.8682,
1.5444

13.8220, 50.3738,
-10.3679

10.3740, 39.7486,
-9.0980

9.8720, 27.6711,

-8.6577

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 145.3340, 54.0653,
19.0011

■ 145.3340, 54.0653,
19.0011

■ 125.8750, 63.6586,
22.0346

■ 165.3800, 44.1827,
15.4527

■ 105.8290, 73.5413,
25.5830

■ 184.8390, 34.5894,
12.4192

■ 86.0820, 83.2766,
29.7461

■ 204.5860, 24.8541,
8.2561

■ 66.6230, 92.8699,
32.7796

■ 224.0450, 15.2608,
5.2225

■ 58.0730, 97.0850,
34.1390

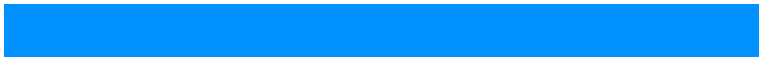
■ 244.0910, 5.3781,
1.6742

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.



114.1850, 69.4218, -100.1402



145.3340, 54.0653, 19.0011



136.3680, 29.3986, 90.8853

Triad

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



145.3340, 54.0653, 19.0011



133.2410, -65.6878, 69.0716



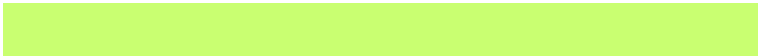
119.9050, 20.2598, -105.1567

Complementary

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



145.3340, 54.0653, 19.0011



222.6660, -54.0653, -19.0011

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.



109.7080, -11.1950, -96.2139



145.3340, 54.0653, 19.0011



131.7480, -64.9518, 19.5150

Square

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



145.3340, 54.0653, 19.0011



130.8660, -36.4159, 107.1115



117.2200, -57.7895, -37.9039



127.1840, 50.6883, -111.5404

Rectangle

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



145.3340, 54.0653, 19.0011



124.3420, 12.1564, 114.5871



117.2200, -57.7895, -37.9039



117.1690, 9.7767, -102.7572

Sweetspot

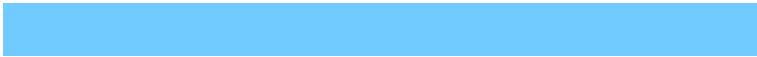
The Sweet Spot groups the original color and five complimentary colors.



145.3340, 54.0653, 19.0011



221.6860, 16.4238, 5.5374



182.0180, 35.9801, -60.5288



107.9540, 9.8827, 3.5483



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.



145.3340, 54.0653, 19.0011



122.9290, 65.1110, 22.8643



165.9650, 43.8943, 61.4207



117.9770, 4.9413, 1.7742



43.6010, 72.6677, 25.7829



14.4720, 24.4173, 8.3561

Inverse Universe

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



165.4900, 17.5064, 78.5003



147.2130, 21.0940, 94.5292



202.0350, -43.8943, -61.4207



119.7990, 1.5781, 7.1923



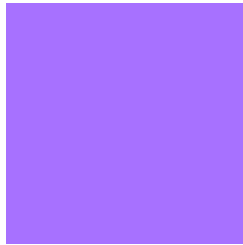
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 145.3340, 54.0653, 19.0011 looks on a white background.

Color Contrast Check

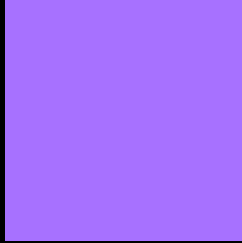
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3340, 54.0653, 19.0011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

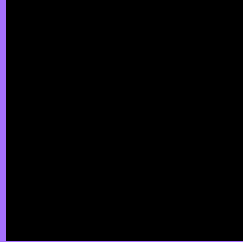
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.3340, 54.0653, 19.0011

Background



This preview shows how black text looks on a background with the YUV color 145.3340, 54.0653, 19.0011.



This preview shows how white text looks on a background with the YUV color 145.3340, 54.0653,

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

145.3340, 54.0653, 19.0011

Protanopia

136.3770, 58.4811, -44.1806

Deuteranopia

129.2450, 58.5462, -65.1129



Tritanopia

143.0480, 3.9203, 2.5889

Trichromacy



Original Color

145.3340, 54.0653, 19.0011



Protanomaly

139.7650, 56.8109, -21.7189



Deuteranomaly

135.3890, 56.9962, -34.5442



Tritanomaly

143.9020, 22.2333, 8.8559

Monochromacy



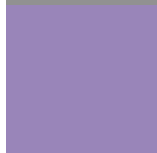
Original Color

145.3340, 54.0653, 19.0011



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.9080, 19.7654, 7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3340, 54.0653, 19.0011 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(167, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 113, 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(167, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 113, 255) }
```

Border

The CSS property to change the border of an element to YUV 145.3340, 54.0653, 19.0011 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(167, 113, 255) }
```


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

```
.border{ border-color:rgb(167, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 113,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 145.3340, 54.0653, 19.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 113, 255) }
```

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

```
.background{ background-color: rgb(167,  
113, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor