

Converting Colors

YUV(144.7030, 54.3764,
12.5385)

Have a look what the booklet for
YUV(144.7030, 54.3764, 12.5385)
contains.

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Color

**YUV(144.7030, 54.3764,
12.5385)**

Conversions

Conversions Part 1

Format	Color
Hex	9F74FF
RGB	159, 116, 255
RGB Percent	62%, 45%, 100%
CMY	0.3765, 0.5451, 0.0000
CMYK	0.38, 0.55, 0.00, 0.00
HSL	259°, 100%, 73%
HSV	259°, 55%, 100%
XYZ	38.5935, 27.0817, 97.8009
YIQ	144.7030, -18.9910, 52.3450

Conversions

Conversions Part 2

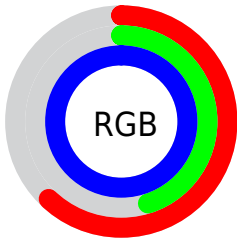
Format	Color
R _Y B	159, 116, 255
Decimal	10450175
CIE _{Lab}	59.05, 46.76, -63.57
CIE _{LCh}	59, 78.918, 306.335
Y _{xy}	27.0817, 0.2361, 0.1657
Android (android.graphics.Color)	4288640255 (0xFF9F74FF)
YUV	144.7030, 54.3764, 12.5385
Hunter-Lab	52.0401, 41.3073, -74.9979

Details

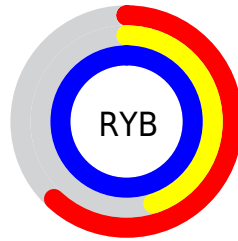
The YUV color **144.7030, 54.3764, 12.5385** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **226.2970, -54.3764, -12.5385**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4550, 30.3417, 21.5260**, and **91.3990, 52.0613, 8.4201** is the 20% darker color. If you saturate the color by 10%, you get **124.0590, 64.5539, 14.8573**, and if you desaturate by 10%, it is **165.3470, 44.1989, 10.2197**.

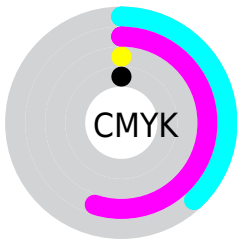
Distribution



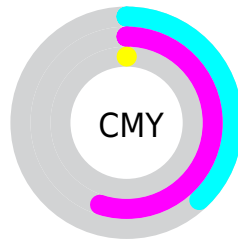
- Red (62%)
- Green (45%)
- Blue (100%)



- Red (62%)
- Yellow (45%)
- Blue (100%)



- Cyan (38%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.7030, 54.3764, 12.5385 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 144.7030, 54.3764, 12.5385 by changing the saturation by 10% instead.

■ 144.7030, 54.3764,
12.5385

■ 144.7030, 54.3764,
12.5385

255.0000, 0.0000,
0.0000

■ 118.0510, 53.2189,
10.4793

■ 193.4550, 30.3417,
21.5260

■ 91.3990, 52.0613,
8.4201

■ 218.8610, 17.8165,
25.5549

■ 65.2630, 51.6353,
5.0313

■ 237.3900, 8.6817,
15.4440

■ 37.5290, 51.5042,
0.4131

254.4130, 0.2894,
0.5148

■ 13.2240, 50.6686,
-11.5974

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 144.7030, 54.3764,
12.5385

■ 144.7030, 54.3764,
12.5385

■ 124.0590, 64.5539,
14.8573

■ 165.3470, 44.1989,
10.2197

■ 104.3010, 74.2946,
17.2760

■ 185.1050, 34.4582,
7.8009

■ 83.6570, 84.4721,
19.5948

■ 205.7490, 24.2807,
5.4821

■ 63.8990, 94.2128,
22.0136

■ 225.5070, 14.5400,
3.0634

■ 52.6910, 99.7383,
23.0730

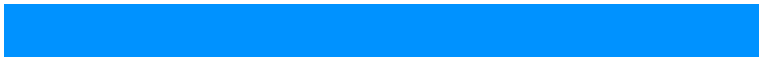
■ 245.5640, 4.6519,
1.2594

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.



114.7720, 69.1324, -100.6550



144.7030, 54.3764, 12.5385



138.1500, 29.9990, 84.9374

Triad

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



144.7030, 54.3764, 12.5385



132.6650, -65.4038, 71.3308



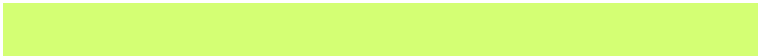
118.6340, 17.9284, -104.0420

Complementary

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



144.7030, 54.3764, 12.5385



226.2970, -54.3764, -12.5385

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.



108.6650, -12.6528, -95.2992



144.7030, 54.3764, 12.5385



131.7700, -64.9626, 23.0037

Square

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



144.7030, 54.3764, 12.5385



130.7780, -32.9216, 106.3117



118.7370, -58.5373, -31.3413



125.7990, 47.9201, -110.3257

Rectangle

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



144.7030, 54.3764, 12.5385



127.8470, 12.8934, 111.5132



118.7370, -58.5373, -31.3413



115.8980, 7.4453, -101.6425

Sweetspot

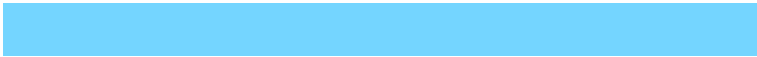
The Sweet Spot groups the original color and five complimentary colors.



144.7030, 54.3764, 12.5385



222.5610, 15.9924, 3.8930



188.7850, 32.6440, -63.8324



108.2420, 9.7407, 2.4188



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.



144.7030, 54.3764, 12.5385



123.4720, 64.8433, 15.3721



165.0350, 44.3527, 54.3433



117.6780, 5.0887, 1.1594



39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Inverse Universe

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



168.5050, 21.4430, 75.8561



151.7440, 25.7622, 90.5555



205.9650, -44.3527, -54.3433



119.9130, 2.0149, 7.0923



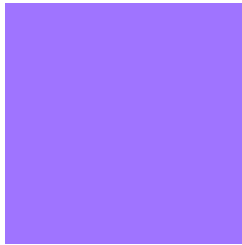
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 144.7030, 54.3764, 12.5385 looks on a white background.

Color Contrast Check

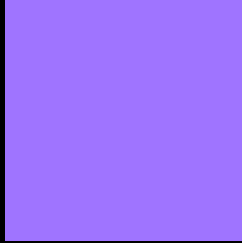
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.7030, 54.3764, 12.5385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

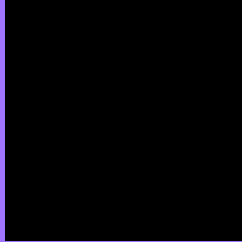
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.7030, 54.3764, 12.5385

Background



This preview shows how black text looks on a background with the YUV color 144.7030, 54.3764, 12.5385.



This preview shows how white text looks on a background with the YUV color 144.7030, 54.3764, 12.5385.

12.5385.

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

144.7030, 54.3764, 12.5385

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

128.1630, 59.5726, -67.6720



Tritanopia

141.7590, 5.5418, -4.1736

Trichromacy



Original Color

144.7030, 54.3764, 12.5385



Protanomaly

138.8680, 57.2531, -23.5632



Deuteranomaly

134.1820, 57.5913, -38.7476



Tritanomaly

143.0860, 23.1286, 1.6786

Monochromacy



Original Color

144.7030, 54.3764, 12.5385



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.5980, 19.9182, 4.7376

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7030, 54.3764, 12.5385 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(159, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 116, 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(159, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 116, 255) }
```

Border

The CSS property to change the border of an element to YUV 144.7030, 54.3764, 12.5385 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(159, 116, 255) }
```


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

```
.border{ border-color:rgb(159, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 116,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 144.7030, 54.3764, 12.5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 116, 255) }
```

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

```
.background{ background-color: rgb(159,  
116, 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](#).

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