

Converting Colors

YUV(144.2150, 54.6170,
28.7524)

Have a look what the booklet for
YUV(144.2150, 54.6170, 28.7524)
contains.

YUV(144.2150, 54.6170, 28.7524)	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(144.2150, 54.6170,
28.7524)**

Conversions

Conversions Part 1

Format	Color
Hex	B16AFF
RGB	177, 106, 255
RGB Percent	69%, 42%, 100%
CMY	0.3059, 0.5843, 0.0000
CMYK	0.31, 0.58, 0.00, 0.00
HSL	269°, 100%, 71%
HSV	269°, 58%, 100%
XYZ	41.3355, 26.8752, 97.6165
YIQ	144.2150, -5.5130, 61.3910

Conversions

Conversions Part 2

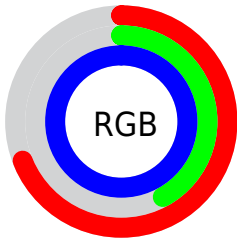
Format	Color
RYB	177, 106, 255
Decimal	11627263
CIELab	58.86, 56.15, -63.78
CIELCh	59, 84.978, 311.360
Yxy	26.8752, 0.2493, 0.1621
Android (android.graphics.Color)	4289817343 (0xFFB16AFF)
YUV	144.2150, 54.6170, 28.7524
Hunter-Lab	51.8413, 51.6042, -75.3535

Details

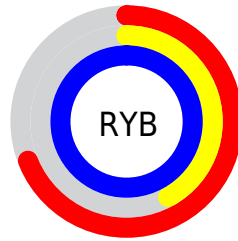
The YUV color $144.2150, 54.6170, 28.7524$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $216.7850, -54.6170, -28.7524$, and the grayscale version is $144.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.5540, 30.2929, 37.2251$, and $89.7370, 52.8807, 25.6637$ is the 20% darker color. If you saturate the color by 10%, you get $125.6530, 63.7681, 33.6303$, and if you desaturate by 10%, it is $163.3640, 45.1765, 23.3598$.

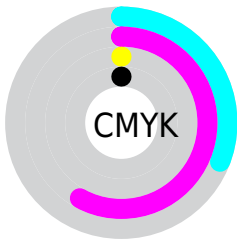
Distribution



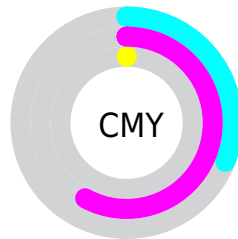
- Red (69%)
- Green (42%)
- Blue (100%)



- Red (69%)
- Yellow (42%)
- Blue (100%)



- Cyan (31%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2150, 54.6170, 28.7524 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 144.2150, 54.6170, 28.7524 by changing the saturation by 10% instead.

144.2150, 54.6170,
28.7524

144.2150, 54.6170,
28.7524

255.0000, 0.0000,
0.0000

116.9760, 53.7488,
27.2080

193.5540, 30.2929,
37.2251

89.7370, 52.8807,
25.6637

215.6710, 19.3892,
34.4915

60.8510, 53.3175,
25.5637

232.1070, 11.2862,
20.0772

34.4270, 53.0335,
23.3045

249.1300, 2.8939,
5.1480

20.6990, 46.9834,
3.7720

10.3740, 39.7486,
-9.0980

8.1110, 28.5393,

-7.1133

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 144.2150, 54.6170,
28.7524

■ 144.2150, 54.6170,
28.7524

■ 125.6530, 63.7681,
33.6303

■ 163.3640, 45.1765,
23.3598

■ 106.2050, 73.3559,
38.4082

■ 182.2250, 35.8781,
19.0967

■ 87.6430, 82.5070,
43.2861

■ 201.3740, 26.4376,
13.7040

■ 68.4940, 91.9475,
48.6788

■ 219.9360, 17.2866,
8.8261

■ 65.5480, 93.3998,
49.5084

■ 239.3840, 7.6987,
4.0482

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.



112.4240, 70.2900, -98.5958



144.2150, 54.6170, 28.7524



130.2710, 29.9394, 104.1253

Triad

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



144.2150, 54.6170, 28.7524



132.6320, -65.3876, 66.0977



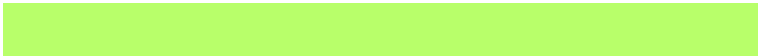
121.4040, 23.4648, -106.4713

Complementary

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



144.2150, 54.6170, 28.7524



216.7850, -54.6170, -28.7524

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.



110.7510, -9.7372, -97.1286



144.2150, 54.6170, 28.7524



129.9430, -64.0619, 14.0820

Square

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



144.2150, 54.6170, 28.7524



127.6230, -41.2261, 109.9556



111.2290, -54.8359, -51.9438



128.2100, 54.6195, -112.4402

Rectangle

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



144.2150, 54.6170, 28.7524



112.9780, 14.3078, 124.5533



111.2290, -54.8359, -51.9438



117.8530, 12.3975, -103.3571

Sweetspot

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



144.2150, 54.6170, 28.7524



220.8220, 16.8498, 8.9261



169.3590, 42.2210, -55.5658



106.4920, 10.6034, 5.7075



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.



144.2150, 54.6170, 28.7524



122.7070, 65.2204, 34.4600



166.0420, 43.8563, 73.6312



118.2760, 4.7939, 2.3889



48.9830, 70.0144, 36.8489



16.2660, 23.5329, 12.0447

Inverse Universe

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



159.4430, 12.1066, 83.8035



140.8240, 14.3838, 100.1324



194.9580, -43.8563, -73.6312



119.5710, 0.7045, 7.3922



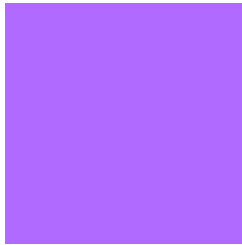
68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 144.2150, 54.6170, 28.7524 looks on a white background.

Color Contrast Check

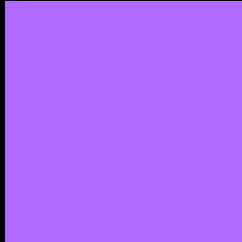
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.2150, 54.6170, 28.7524 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 144.2150, 54.6170, 28.7524 Background



This preview shows how black text looks on a background with the YUV color 144.2150, 54.6170, 28.7524.



This preview shows how white text looks on a background with the YUV color 144.2150, 54.6170,

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

144.2150, 54.6170, 28.7524

Protanopia

135.1920, 59.0653, -44.8954

Deuteranopia

128.2450, 58.5462, -65.1129



Tritanopia

143.4190, 1.2724, 11.9105

Trichromacy



Original Color

144.2150, 54.6170, 28.7524



Protanomaly

138.3140, 57.5262, -17.8154



Deuteranomaly

134.4110, 56.9854, -31.0554



Tritanomaly

143.6150, 20.8958, 17.8776

Monochromacy



Original Color

144.2150, 54.6170, 28.7524



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9300, 19.7545, 10.5854

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2150, 54.6170, 28.7524 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(177, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 106, 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(177, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 106, 255) }
```

Border

The CSS property to change the border of an element to YUV 144.2150, 54.6170, 28.7524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

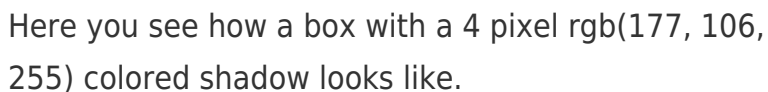
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 106, 255) }
```


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

```
.border{ border-color:rgb(177, 106, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 106, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 106, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 106,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 144.2150, 54.6170, 28.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 106, 255) }
```

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

```
.background{ background-color: rgb(177,  
106, 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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