

Converting Colors

YUV(163.1490, 44.7895,
54.2433)

Have a look what the booklet for
YUV(163.1490, 44.7895, 54.2433)
contains.

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Color

**YUV(163.1490, 44.7895,
54.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	E172FE
RGB	225, 114, 254
RGB Percent	88%, 45%, 100%
CMY	0.1176, 0.5529, 0.0039
CMYK	0.11, 0.55, 0.00, 0.00
HSL	288°, 99%, 72%
HSV	288°, 55%, 100%
XYZ	54.9580, 35.1979, 97.6632
YIQ	163.1490, 21.2160, 67.0720

Conversions

Conversions Part 2

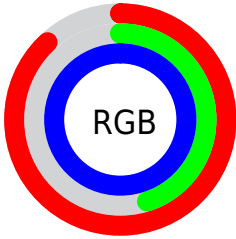
Format	Color
R _Y B	225, 114, 254
Decimal	14775038
CIE Lab	65.90, 63.52, -51.67
CIE LCh	66, 81.883, 320.875
Yxy	35.1979, 0.2926, 0.1874
Android (android.graphics.Color)	4292965118 (0xFFE172FE)
YUV	163.1490, 44.7895, 54.2433
Hunter-Lab	59.3278, 61.5288, -56.0714

Details

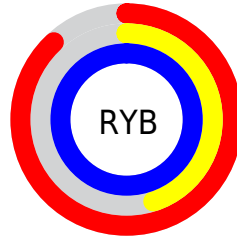
The YUV color **163.1490, 44.7895, 54.2433** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **204.8510, -44.7895, -54.2433**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1050, 24.5982, 43.7579**, and **106.4370, 44.6476, 53.1138** is the 20% darker color. If you saturate the color by 10%, you get **146.9790, 52.7614, 64.0394**, and if you desaturate by 10%, it is **179.3190, 36.8177, 44.4472**.

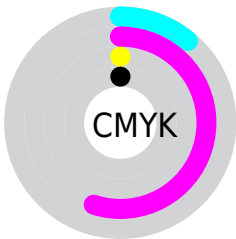
Distribution



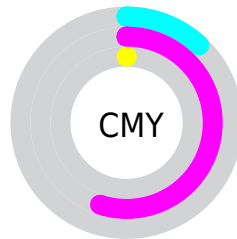
- Red (88%)
- Green (45%)
- Blue (100%)



- Red (88%)
- Yellow (45%)
- Blue (100%)



- Cyan (11%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.1490, 44.7895, 54.2433 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 163.1490, 44.7895, 54.2433 by changing the saturation by 10% instead.


 163.1490, 44.7895,
54.2433


 163.1490, 44.7895,
54.2433


255.0000, 0.0000,
0.0000


 134.7360, 44.5002,
53.7285


 205.1050, 24.5982,
43.7579


 106.4370, 44.6476,
53.1138


 222.1280, 16.2059,
28.8287

 74.6160, 46.5313,
55.5878

 239.1510, 7.8136,
13.8996

 49.0780, 45.8105,
53.4286

 38.0410, 38.4338,
39.4290

 26.7050, 31.2044,
24.8147

 15.8960, 24.7013,

10.6152

■ 5.4890, 18.4929,
-4.8139

■ 2.9810, 8.8834,
-2.6143

■ 163.1490, 44.7895,
54.2433

■ 163.1490, 44.7895,
54.2433

■ 146.9790, 52.7614,
64.0394

■ 179.3190, 36.8177,
44.4472

■ 129.9230, 61.1700,
73.7355

■ 196.3750, 28.4091,
34.7511

■ 113.7530, 69.1418,
83.5316

■ 212.5450, 20.4373,
24.9550

■ 96.9960, 77.4030,
93.8425

■ 229.3020, 12.1761,
14.6441

■ 89.0550, 81.3179,
98.1758

■ 245.4720, 4.2043,
4.8481

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



147.9170, 52.7919, -39.3922



163.1490, 44.7895, 54.2433



144.4090, 20.5044, 96.9883

Triad

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



163.1490, 44.7895, 54.2433



150.5520, -74.2221, 53.0129



137.3450, 36.3119, -120.4516

Complementary

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



163.1490, 44.7895, 54.2433



204.8510, -44.7895, -54.2433

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.



127.3930, 3.2573, -111.7237



163.1490, 44.7895, 54.2433



144.0200, -71.0019, -0.0175

Square

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



163.1490, 44.7895, 54.2433



149.2390, -52.3758, 92.7524



121.7850, -31.4460, -87.5114



140.0130, 56.6886, -122.7914

Rectangle

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



163.1490, 44.7895, 54.2433



136.4750, 0.2588, 103.9464



121.7850, -31.4460, -87.5114



134.4950, 25.3920, -117.9521

Sweetspot

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



163.1490, 44.7895, 54.2433



227.0680, 13.7705, 16.6034



147.5700, 52.4700, -29.4409



110.9440, 8.4086, 9.6961



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.



163.1490, 44.7895, 54.2433



145.9190, 53.7769, 64.9690



167.2600, 23.0428, 76.0710



119.4720, 4.2043, 4.8481



67.2220, 61.0226, 74.3503



22.5450, 20.4373, 24.9550

Inverse Universe

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



159.1660, -7.9698, 83.1694



141.2220, -9.4764, 99.7833



200.7400, -23.0428, -76.0710



119.1150, -1.0427, 7.7921



61.6690, -10.6828, 113.4233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 163.1490, 44.7895, 54.2433 looks on a white background.

Color Contrast Check

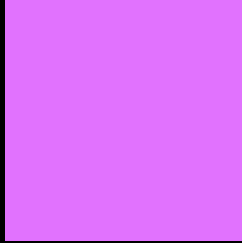
Large Text (above 18pt) WCAG AA × Fail

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 163.1490, 44.7895, 54.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

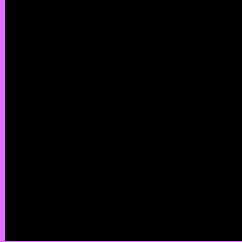
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1490, 44.7895, 54.2433

Background



This preview shows how black text looks on a background with the YUV color 163.1490, 44.7895, 54.2433.



This preview shows how white text looks on a background with the YUV color 163.1490, 44.7895, 54.2433.

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

163.1490, 44.7895, 54.2433

Protanopia

157.7070, 47.9654, -31.3150

Deuteranopia

157.1320, 43.3189, -34.3188



Tritanopia

163.0700, -5.9505, 42.0346

Trichromacy



Original Color

163.1490, 44.7895, 54.2433



Protanomaly

159.3780, 47.1416, -0.3315



Deuteranomaly

159.1560, 43.8001, -1.8908

Tritanomaly

162.9130, 12.3679, 46.5573

Monochromacy



Original Color

163.1490, 44.7895, 54.2433



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0730, 16.2330, 20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1490, 44.7895, 54.2433 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(225, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 254)  
}
```

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(225, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 254) }
```

Border

The CSS property to change the border of an element to YUV 163.1490, 44.7895, 54.2433 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(225, 114, 254) }
```


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

```
.border{ border-color:rgb(225, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(225, 114,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 163.1490, 44.7895, 54.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 254) }
```

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

```
.background{ background-color: rgb(225,  
114, 254) }
```

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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