

Converting Colors

YUV(164.1490, 44.7895,
54.2433)

Have a look what the booklet for
YUV(164.1490, 44.7895, 54.2433)
contains.

YUV(164.1490, 44.7895, 54.2433)	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(164.1490, 44.7895,
54.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	E273FF
RGB	226, 115, 255
RGB Percent	89%, 45%, 100%
CMY	0.1137, 0.5490, 0.0000
CMYK	0.11, 0.55, 0.00, 0.00
HSL	288°, 100%, 73%
HSV	288°, 55%, 100%
XYZ	55.5448, 35.6502, 98.5614
YIQ	164.1490, 21.2160, 67.0720

Conversions

Conversions Part 2

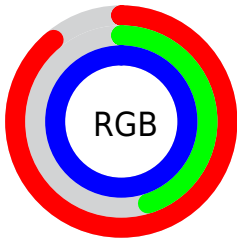
Format	Color
R _Y B	226, 115, 255
Decimal	14840831
CIE _{Lab}	66.25, 63.49, -51.66
CIE _{LCh}	66, 81.852, 320.870
Y _{xy}	35.6502, 0.2927, 0.1879
Android (android.graphics.Color)	4293030911 (0xFFE273FF)
Y _{UV}	164.1490, 44.7895, 54.2433
Hunter-Lab	59.7078, 61.5657, -56.0762

Details

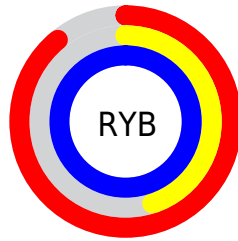
The YUV color **164.1490, 44.7895, 54.2433** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **205.8510, -44.7895, -54.2433**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 24.3088, 43.2431**, and **107.4370, 44.6476, 53.1138** is the 20% darker color. If you saturate the color by 10%, you get **147.9790, 52.7614, 64.0394**, and if you desaturate by 10%, it is **180.9060, 36.5283, 43.9324**.

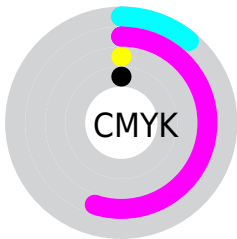
Distribution



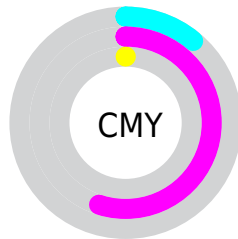
- Red (89%)
- Green (45%)
- Blue (100%)



- Red (89%)
- Yellow (45%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1490, 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 164.1490, 44.7895, 54.2433 by changing the saturation by 10% instead.

 164.1490, 44.7895,
54.2433


 164.1490, 44.7895,
54.2433


255.0000, 0.0000,
0.0000

 135.7360, 44.5002,
53.7285


 205.6920, 24.3088,
43.2431


 107.4370, 44.6476,
53.1138


 222.7150, 15.9165,
28.3139

 76.2030, 46.2419,
55.0730

 239.7380, 7.5242,
13.3848

 49.4910, 46.0999,
53.9434

 38.4540, 38.7232,
39.9438

 27.1180, 31.4938,
25.3295

 16.3090, 24.9907,

11.1300

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 164.1490, 44.7895,
54.2433

■ 164.1490, 44.7895,
54.2433

■ 147.9790, 52.7614,
64.0394

■ 180.9060, 36.5283,
43.9324

■ 130.9230, 61.1700,
73.7355

■ 197.3750, 28.4091,
34.7511

■ 114.1660, 69.4312,
84.0464

■ 214.1320, 20.1479,
24.4402

■ 97.9960, 77.4030,
93.8425

■ 230.3020, 12.1761,
14.6441

■ 89.4680, 81.6073,
98.6906

■ 247.0590, 3.9149,
4.3333

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.



148.8030, 52.3551, -39.2922



164.1490, 44.7895, 54.2433



145.1100, 20.6518, 96.3735

Triad

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



164.1490, 44.7895, 54.2433



151.4380, -74.6589, 53.1129



138.0460, 36.4593, -121.0663

Complementary

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



164.1490, 44.7895, 54.2433



205.8510, -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.



128.0940, 3.4047, -112.3384



164.1490, 44.7895, 54.2433



144.9060, -71.4387, 0.0824

Square

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



164.1490, 44.7895, 54.2433



149.9400, -52.2284, 92.1376



123.3830, -31.7408, -86.2819



140.6000, 56.3992, -123.3062

Rectangle

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



164.1490, 44.7895, 54.2433



137.1760, 0.4062, 103.3316



123.3830, -31.7408, -86.2819



135.1960, 25.5394, -118.5669

Sweetspot

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



164.1490, 44.7895, 54.2433



228.5410, 13.0443, 16.1885



148.5700, 52.4700, -29.4409



111.5310, 8.1192, 9.1813



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.



164.1490, 44.7895, 54.2433



145.9190, 53.7769, 64.9690



168.2600, 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.



160.1660, -7.9698, 83.1694



141.2220, -9.4764, 99.7833



201.7400, -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 164.1490, 44.7895, 54.2433 looks on a white background.

Color Contrast Check

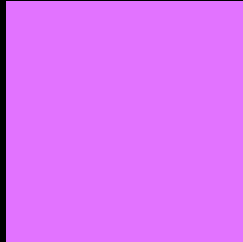
Large Text (above 18pt) WCAG AA × Fail

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 164.1490, 44.7895, 54.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

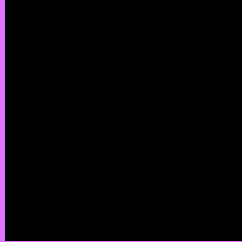
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1490, 44.7895, 54.2433

Background



This preview shows how black text looks on a background with the YUV color 164.1490, 44.7895, 54.2433.



This preview shows how white text looks on a background with the YUV color 164.1490, 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

164.1490, 44.7895, 54.2433

Protanopia

158.5930, 47.5287, -31.2151

Deuteranopia

158.2460, 43.7557, -34.4187



Tritanopia

164.0700, -5.9505, 42.0346

Trichromacy



Original Color

164.1490, 44.7895, 54.2433



Protanomaly

160.2640, 46.7048, -0.2315



Deuteranomaly

160.2700, 44.2369, -1.9908

Tritanomaly

163.9130, 12.3679, 46.5573

Monochromacy



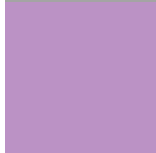
Original Color

164.1490, 44.7895, 54.2433



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.0730, 16.2330, 20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1490, 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(226, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 115, 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(226, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 115, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.1490, 44.7895, 54.2433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

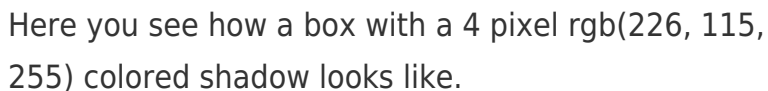
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 115, 255) }
```


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

```
.border{ border-color:rgb(226, 115, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 115,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.1490, 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(226, 115, 255) }
```

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

```
.background{ background-color: rgb(226,  
115, 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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