

Converting Colors

YUV(164.5930, 44.5707,
31.0519)

Have a look what the booklet for
YUV(164.5930, 44.5707, 31.0519)
contains.

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Color

**YUV(164.5930, 44.5707,
31.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	C881FF
RGB	200, 129, 255
RGB Percent	78%, 51%, 100%
CMY	0.2157, 0.4941, 0.0000
CMYK	0.22, 0.49, 0.00, 0.00
HSL	274°, 100%, 75%
HSV	274°, 49%, 100%
XYZ	49.7197, 35.1999, 98.7815
YIQ	164.5930, 1.8700, 54.2380

Conversions

Conversions Part 2

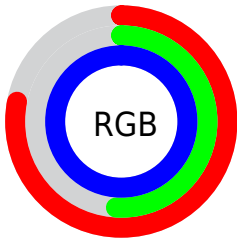
Format	Color
R _Y B	200, 129, 255
Decimal	13140479
CIE Lab	65.90, 49.84, -52.40
CIE LCh	66, 72.315, 313.564
Yxy	35.1999, 0.2707, 0.1916
Android (android.graphics.Color)	4291330559 (0xFFC881FF)
YUV	164.5930, 44.5707, 31.0519
Hunter-Lab	59.3295, 45.7611, -57.1851

Details

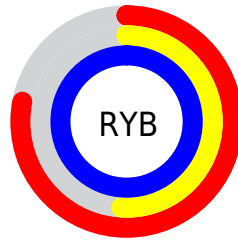
The YUV color **164.5930, 44.5707, 31.0519** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **219.4070, -44.5707, -31.0519**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **110.5280, 43.1237, 28.4779** is the 20% darker color. If you saturate the color by 10%, you get **146.6290, 53.4269, 37.1594**, and if you desaturate by 10%, it is **183.1440, 35.4250, 24.4297**.

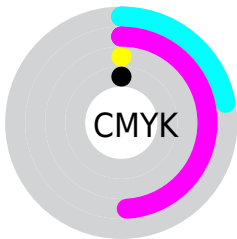
Distribution



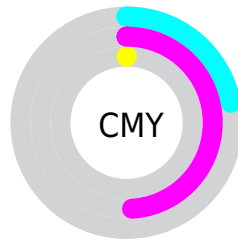
- Red (78%)
- Green (51%)
- Blue (100%)



- Red (78%)
- Yellow (51%)
- Blue (100%)



- Cyan (22%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.5930, 44.5707, 31.0519 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 164.5930, 44.5707, 31.0519 by changing the saturation by 10% instead.


 164.5930, 44.5707,
31.0519


 164.5930, 44.5707,
31.0519


255.0000, 0.0000,
0.0000

 137.3540, 43.7025,
29.5075


 213.3230, 20.5468,
36.5507


 110.5280, 43.1237,
28.4779


 229.7590, 12.4438,
22.1364

 83.7020, 42.5449,
27.4483

 246.7820, 4.0515,
7.2072

 56.7020, 42.5449,
27.4483

 31.5770, 42.1135,
25.8040

 19.9420, 35.0316,
10.5749

 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 164.5930, 44.5707,
31.0519

■ 164.5930, 44.5707,
31.0519

■ 146.6290, 53.4269,
37.1594

■ 183.1440, 35.4250,
24.4297

■ 128.0780, 62.5725,
43.7816

■ 201.1080, 26.5688,
18.3223

■ 110.1140, 71.4288,
49.8890

■ 219.6590, 17.4231,
11.7001

■ 91.2640, 80.7218,
55.8965

■ 237.9220, 8.4195,
6.2074

■ 73.3000, 89.5781, 255.0000, 0.0000,
62.0039 0.0000

■ 72.1260, 90.1569,
63.0335

Harmonies

Analogous

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



143.3440, 55.0464, -62.5687



164.5930, 44.5707, 31.0519



158.2180, 20.1055, 84.8778

Triad

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



164.5930, 44.5707, 31.0519



151.6760, -68.8603, 59.9201



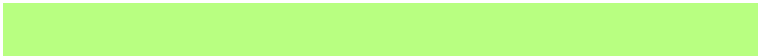
133.0760, 27.5705, -116.7077

Complementary

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



164.5930, 44.5707, 31.0519



219.4070, -44.5707, -31.0519

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.



124.1500, -1.5529, -108.8795



164.5930, 44.5707, 31.0519



146.4780, -72.2137, 15.3668

Square

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



164.5930, 44.5707, 31.0519



152.6590, -39.2719, 89.7531



138.4700, -40.1647, -44.2622



138.0410, 54.2098, -121.0620

Rectangle

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



164.5930, 44.5707, 31.0519



148.5060, 3.2015, 93.3952



138.4700, -40.1647, -44.2622



130.4540, 17.5242, -114.4082

Sweetspot

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



164.5930, 44.5707, 31.0519



227.6110, 13.5028, 9.1112



176.8230, 38.5413, -41.9408



111.2100, 8.2775, 5.0778



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.



164.5930, 44.5707, 31.0519



147.2160, 53.1375, 36.6446



180.3540, 33.8425, 65.4645



118.5750, 4.6465, 3.0037



54.0660, 67.5085, 47.3001



18.0600, 22.6484, 15.7334

Inverse Universe

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



172.9440, 5.4506, 71.9631



157.2600, 6.2808, 85.7180



203.6460, -33.8425, -65.4645



119.4570, 0.2677, 7.4922



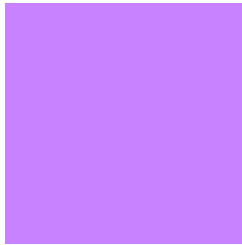
66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 164.5930, 44.5707, 31.0519 looks on a white background.

Color Contrast Check

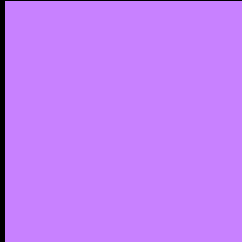
Large Text (above 18pt) WCAG AA × Fail

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 164.5930, 44.5707, 31.0519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

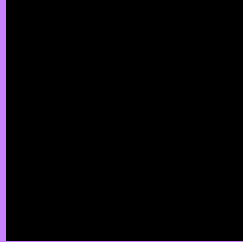
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.5930, 44.5707, 31.0519

Background



This preview shows how black text looks on a background with the YUV color 164.5930, 44.5707, 31.0519.



This preview shows how white text looks on a background with the YUV color 164.5930, 44.5707, 31.0519.

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

164.5930, 44.5707, 31.0519

Protanopia

157.7070, 47.9654, -31.3150

Deuteranopia

156.3920, 45.6557, -37.1778



Tritanopia

162.5340, 0.2297, 19.7027

Trichromacy



Original Color

164.5930, 44.5707, 31.0519



Protanomaly

160.2090, 46.7320, -8.9533



Deuteranomaly

159.4320, 45.1430, -12.6569



Tritanomaly

163.0950, 16.2222, 23.5957

Monochromacy



Original Color

164.5930, 44.5707, 31.0519



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0180, 16.2601, 11.3852

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5930, 44.5707, 31.0519 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(200, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 129, 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(200, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 129, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.5930, 44.5707, 31.0519 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(200, 129, 255) }
```


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

```
.border{ border-color:rgb(200, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.5930, 44.5707, 31.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 129, 255) }
```

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

```
.background{ background-color: rgb(200,  
129, 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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