

Converting Colors

YUV(128.9350, 45.8810,
30.7520)

Have a look what the booklet for
YUV(128.9350, 45.8810, 30.7520)
contains.

YUV(128.9350, 45.8810, 30.7520)	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(128.9350, 45.8810,
30.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	A45DDE
RGB	164, 93, 222
RGB Percent	64%, 36%, 87%
CMY	0.3569, 0.6353, 0.1294
CMYK	0.26, 0.58, 0.00, 0.13
HSL	273°, 66%, 62%
HSV	273°, 58%, 87%
XYZ	32.4090, 20.9951, 71.4516
YIQ	128.9350, 0.9070, 55.1710

Conversions

Conversions Part 2

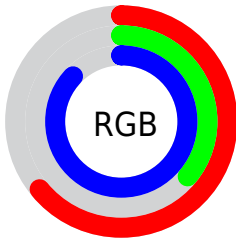
Format	Color
RYB	164, 93, 222
Decimal	10771934
CIELab	52.94, 52.14, -54.93
CIELCh	53, 75.734, 313.506
Yxy	20.9951, 0.2596, 0.1682
Android (android.graphics.Color)	4288962014 (0xFFA45DDE)
YUV	128.9350, 45.8810, 30.7520
Hunter-Lab	45.8205, 46.0680, -60.3814

Details

The YUV color **128.9350, 45.8810, 30.7520** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **186.0650, -45.8810, -30.7520**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1500, 36.4081, 35.8255**, and **75.2830, 44.7235, 28.6928** is the 20% darker color. If you saturate the color by 10%, you get **113.0310, 53.7217, 35.9298**, and if you desaturate by 10%, it is **144.8390, 38.0404, 25.5742**.

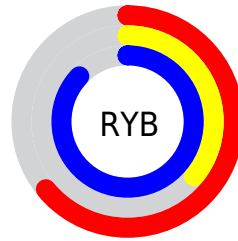
Distribution



Red (64%)

Green (36%)

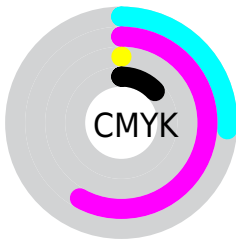
Blue (87%)



Red (64%)

Yellow (36%)

Blue (87%)

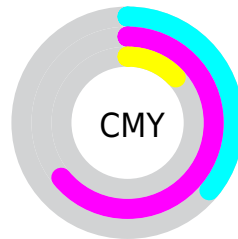


Cyan (26%)

Magenta (58%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (64%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.9350, 45.8810, 30.7520 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 128.9350, 45.8810, 30.7520 by changing the saturation by 10% instead.

■ 128.9350, 45.8810,
30.7520

■ 128.9350, 45.8810,
30.7520

■ 255.0000, 0.0000,
0.0000

■ 102.1090, 45.3023,
29.7224

■ 181.1500, 36.4081,
35.8255

■ 75.2830, 44.7235,
28.6928

■ 206.5560, 23.8829,
39.8544

■ 45.0490, 46.3178,
30.6520

■ 223.8890, 15.3377,
27.2843

■ 28.4300, 41.6930,
20.6709

■ 240.3250, 7.2348,
12.8700

■ 16.9090, 35.0479,
5.3418

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 128.9350, 45.8810,
30.7520

■ 128.9350, 45.8810,
30.7520

■ 113.0310, 53.7217,
35.9298

■ 144.8390, 38.0404,
25.5742

■ 97.1270, 61.5624,
41.1076

■ 160.7430, 30.1997,
20.3964

■ 80.6360, 69.6925,
46.8002

■ 177.2340, 22.0696,
14.7038

■ 64.7320, 77.5331,
51.9780

■ 193.1380, 14.2290,
9.5260

61.7860, 78.9855,
52.8077

209.0420, 6.3883,
4.3482

224.9460, -1.4524,
-0.8296

240.8500, -9.2930,
-6.0074

247.9490,
-12.7929, -3.4633

250.9390,
-14.2669, 2.6845

Harmonies

Analogous

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



102.4450, 75.2096, -89.8443



128.9350, 45.8810, 30.7520



117.1850, 23.5728, 92.7998

Triad

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



128.9350, 45.8810, 30.7520



118.9880, -58.6611, 55.2615



108.6550, 22.8481, -95.2904

Complementary

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



128.9350, 45.8810, 30.7520



186.0650, -45.8810, -30.7520

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.



99.1420, -5.9860, -86.9475



128.9350, 45.8810, 30.7520



115.7450, -57.0623, 8.9936

Square

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



128.9350, 45.8810, 30.7520



115.7950, -38.8459, 93.1418



98.3030, -46.9844, -50.2547



114.3210, 49.6347, -100.2595

Rectangle

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



128.9350, 45.8810, 30.7520



107.9630, 6.9202, 114.0424



98.3030, -46.9844, -50.2547



105.5600, 13.5279, -92.5761

Sweetspot

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



128.9350, 45.8810, 30.7520



224.0780, 15.2445, 10.4556



141.7520, 39.5623, -42.7555



109.1500, 9.2931, 6.0075



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.



128.9350, 45.8810, 30.7520



126.5940, 63.3042, 42.4521



145.5930, 34.7107, 67.0089



104.0480, 3.9203, 2.5889



49.0670, 62.5780, 42.0372



13.5450, 16.9863, 11.8000

Inverse Universe

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



138.1830, 6.3188, 73.5075



139.3420, 8.7054, 101.4321



169.4070, -34.7107, -67.0089



104.8590, 0.5625, 6.2627



61.6300, 8.5634, 100.3025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 128.9350, 45.8810, 30.7520 looks on a white background.

Color Contrast Check

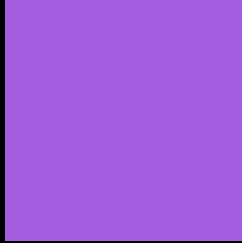
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9350, 45.8810, 30.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

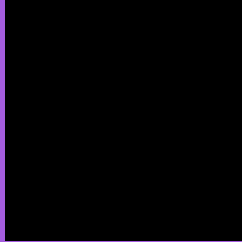
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.9350, 45.8810, 30.7520

Background



This preview shows how black text looks on a background with the YUV color 128.9350, 45.8810, 30.7520.



This preview shows how white text looks on a background with the YUV color 128.9350, 45.8810,

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

128.9350, 45.8810, 30.7520

Protanopia

112.6010, 68.7237, -62.7941

Deuteranopia

118.1840, 47.7303, -49.2734



Tritanopia

128.6970, -0.3436, 16.9287

Trichromacy



Original Color

128.9350, 45.8810, 30.7520



Protanomaly

118.3450, 60.4689, -28.3666



Deuteranomaly

121.9580, 47.3487, -20.1342



Tritanomaly

129.0840, 16.2276, 21.8513

Monochromacy



Original Color

128.9350, 45.8810, 30.7520



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.1320, 16.6969, 11.2852

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9350, 45.8810, 30.7520 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(164, 93, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 93, 222)  
}
```

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(164, 93, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 93, 222) }
```

Border

The CSS property to change the border of an element to YUV 128.9350, 45.8810, 30.7520 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(164, 93, 222) }
```


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

```
.border{ border-color:rgb(164, 93, 222) }
```

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

Here you see how a box with a 4 pixel rgb(164, 93, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 93, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 93, 222);  
box-shadow:4px 4px 4px 4px rgb(164, 93,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 128.9350, 45.8810, 30.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 93, 222) }
```

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

```
.background{ background-color: rgb(164, 93,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor