

Converting Colors

YUV(140.7950, 44.9641,
44.9068)

Have a look what the booklet for
YUV(140.7950, 44.9641, 44.9068)
contains.

YUV(140.7950, 44.9641, 44.9068)	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(140.7950, 44.9641,
44.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	C061E8
RGB	192, 97, 232
RGB Percent	75%, 38%, 91%
CMY	0.2471, 0.6196, 0.0902
CMYK	0.17, 0.58, 0.00, 0.09
HSL	282°, 75%, 65%
HSV	282°, 58%, 91%
XYZ	40.5784, 25.5821, 79.1430
YIQ	140.7950, 13.2850, 62.1250

Conversions

Conversions Part 2

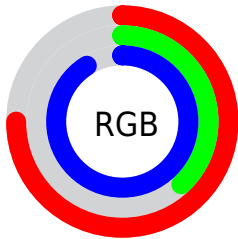
Format	Color
R_{YB}	192, 97, 232
Decimal	12607976
CIE Lab	57.64, 59.09, -52.86
CIE LCh	58, 79.281, 318.182
Yxy	25.5821, 0.2793, 0.1761
Android (android.graphics.Color)	4290798056 (0xFFC061E8)
YUV	140.7950, 44.9641, 44.9068
Hunter-Lab	50.5787, 54.6947, -57.3690

Details

The YUV color **140.7950, 44.9641, 44.9068** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **188.2050, -44.9641, -44.9068**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3430, 30.3969, 50.5652**, and **84.4960, 45.1115, 44.2920** is the 20% darker color. If you saturate the color by 10%, you get **125.2010, 52.6519, 52.4437**, and if you desaturate by 10%, it is **156.3890, 37.2762, 37.3698**.

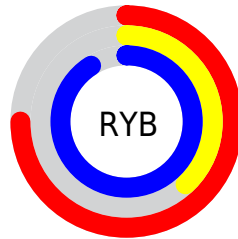
Distribution



Red (75%)

Green (38%)

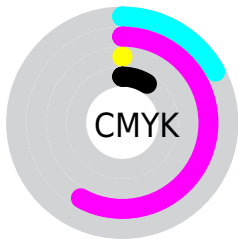
Blue (91%)



Red (75%)

Yellow (38%)

Blue (91%)

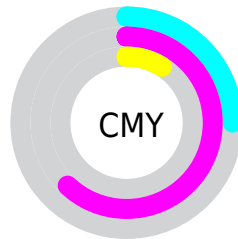


Cyan (17%)

Magenta (58%)

Yellow (0%)

Black (9%)



Cyan (25%)


Magenta (62%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.7950, 44.9641, 44.9068 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 140.7950, 44.9641, 44.9068 by changing the saturation by 10% instead.


 140.7950, 44.9641,
44.9068


 140.7950, 44.9641,
44.9068


255.0000, 0.0000,
0.0000


 112.9690, 44.3853,
43.8772


 193.3430, 30.3969,
50.5652


 84.4960, 45.1115,
44.2920


 210.9750, 21.7043,
38.6099


 50.0390, 48.2948,
49.9548

 227.4110, 13.6014,
24.1956

 37.8280, 41.4968,
36.9848

 244.4340, 5.2090,
9.2664

 26.4920, 34.2674,
22.3705

 15.9820, 27.6169,
8.7858

 5.4720, 20.9663,

-4.7989

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 140.7950, 44.9641,
44.9068

■ 140.7950, 44.9641,
44.9068

■ 125.2010, 52.6519,
52.4437

■ 156.3890, 37.2762,
37.3698

■ 109.6070, 60.3397,
59.9807

■ 171.9830, 29.5884,
29.8329

■ 93.4260, 68.3170,
68.0324

■ 188.1640, 21.6111,
21.7812

■ 78.1310, 75.8574,
76.1841

■ 203.4590, 14.0707,
13.6295

75.1850, 77.3098,
77.0138

219.0530, 6.3829,
6.0925

234.6470, -1.3050,
-1.4444

247.8930, -7.8352,
-6.9222

249.9860, -8.8671,
-2.6187

252.0790, -9.8989,
1.6847

Harmonies

Analogous

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



121.5040, 65.8135, -62.7090



140.7950, 44.9641, 44.9068



127.1650, 20.6247, 105.0953

Triad

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



140.7950, 44.9641, 44.9068



130.7720, -64.4706, 51.9430



119.7230, 29.7166, -104.9971

Complementary

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



140.7950, 44.9641, 44.9068



188.2050, -44.9641, -44.9068

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.



110.3410, -1.1541, -96.7691



140.7950, 44.9641, 44.9068



125.1480, -61.6980, 2.5012

Square

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



140.7950, 44.9641, 44.9068



128.2160, -47.4345, 94.5266



101.9280, -34.9675, -77.9899



124.9160, 57.2294, -109.5513

Rectangle

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



140.7950, 44.9641, 44.9068



119.6170, 1.6678, 118.7309



101.9280, -34.9675, -77.9899



116.9870, 19.2334, -102.5976

Sweetspot

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



140.7950, 44.9641, 44.9068



225.8720, 14.3601, 14.1443



136.4570, 47.1027, -34.6038



110.3460, 8.7034, 8.4666



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.



140.7950, 44.9641, 44.9068



134.6670, 59.3242, 59.0510



149.6770, 27.2742, 72.1973



106.7600, 4.0623, 3.7185



58.0800, 59.6136, 59.5658



16.5780, 16.9700, 17.0331

Inverse Universe

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



141.9250, -2.4280, 78.9958



136.1500, -3.5249, 104.2315



179.3230, -27.2742, -72.1973



107.0440, -0.0217, 6.9774



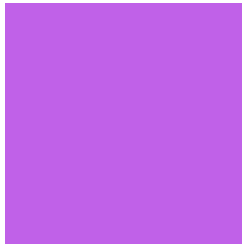
59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 140.7950, 44.9641, 44.9068 looks on a white background.

Color Contrast Check

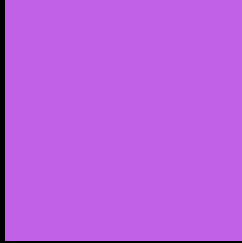
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7950, 44.9641, 44.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

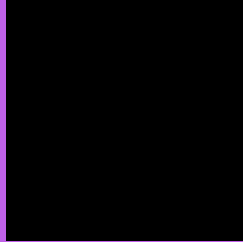
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.7950, 44.9641, 44.9068

Background



This preview shows how black text looks on a background with the YUV color 140.7950, 44.9641, 44.9068.



This preview shows how white text looks on a background with the YUV color 140.7950, 44.9641, 44.9068.

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

140.7950, 44.9641, 44.9068

Protanopia

131.3380, 60.9654, -47.6544

Deuteranopia

133.4410, 44.6456, -39.8518



Tritanopia

140.8730, -3.8814, 31.6834

Trichromacy



Original Color

140.7950, 44.9641, 44.9068



Protanomaly

134.7660, 55.3314, -13.8268



Deuteranomaly

136.3400, 44.6954, -9.0682



Tritanomaly

140.6020, 14.0002, 36.3060

Monochromacy



Original Color

140.7950, 44.9641, 44.9068



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.0510, 16.2439, 16.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7950, 44.9641, 44.9068 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(192, 97, 232)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 232)  
}
```

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(192, 97, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 232) }
```

Border

The CSS property to change the border of an element to YUV 140.7950, 44.9641, 44.9068 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(192, 97, 232) }
```


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

```
.border{ border-color:rgb(192, 97, 232) }
```

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

Here you see how a box with a 4 pixel rgb(192, 97, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 232);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 140.7950, 44.9641, 44.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 232) }
```

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

```
.background{ background-color: rgb(192, 97,  
232) }
```

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