

Converting Colors

YUV(155.0870, 48.7641,
39.3887)

Have a look what the booklet for
YUV(155.0870, 48.7641, 39.3887)
contains.

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Color

**YUV(155.0870, 48.7641,
39.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	C871FE
RGB	200, 113, 254
RGB Percent	78%, 44%, 100%
CMY	0.2157, 0.5569, 0.0039
CMYK	0.21, 0.56, 0.00, 0.00
HSL	277°, 99%, 72%
HSV	277°, 56%, 100%
XYZ	47.6139, 31.2454, 97.2874
YIQ	155.0870, 6.5910, 62.2950

Conversions

Conversions Part 2

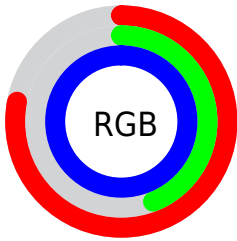
Format	Color
R _Y B	200, 113, 254
Decimal	13136382
CIE Lab	62.71, 57.82, -56.92
CIE LCh	63, 81.132, 315.449
Yxy	31.2454, 0.2703, 0.1774
Android (android.graphics.Color)	4291326462 (0xFFC871FE)
YUV	155.0870, 48.7641, 39.3887
Hunter-Lab	55.8976, 54.2268, -64.0635

Details

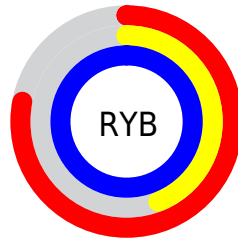
The YUV color **155.0870, 48.7641, 39.3887** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **211.9130, -48.7641, -39.3887**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9310, 25.1770, 44.7875**, and **99.8480, 47.8959, 37.8443** is the 20% darker color. If you saturate the color by 10%, you get **137.4220, 57.4730, 46.1109**, and if you desaturate by 10%, it is **172.7520, 40.0553, 32.6665**.

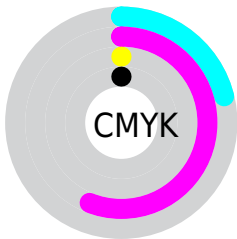
Distribution



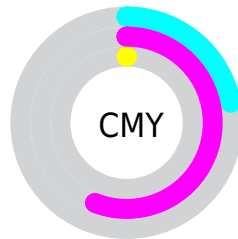
- Red (78%)
- Green (44%)
- Blue (100%)



- Red (78%)
- Yellow (44%)
- Blue (100%)



- Cyan (21%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.0870, 48.7641, 39.3887 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 155.0870, 48.7641, 39.3887 by changing the saturation by 10% instead.


 155.0870, 48.7641,
39.3887


 155.0870, 48.7641,
39.3887


255.0000, 0.0000,
0.0000

 127.2610, 48.1853,
38.3591


 203.9310, 25.1770,
44.7875

 99.8480, 47.8959,
37.8443


 220.3670, 17.0741,
30.3731


 70.9620, 48.3327,
37.7443

 237.3900, 8.6817,
15.4440

 41.9020, 49.3483,
38.6739

254.4130, 0.2894,
0.5148

 30.4520, 41.6822,
24.1596

 19.2300, 34.8896,
9.4453

 7.5240, 28.8287,

-6.5985

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 155.0870, 48.7641,
39.3887

■ 155.0870, 48.7641,
39.3887

■ 137.4220, 57.4730,
46.1109

■ 172.7520, 40.0553,
32.6665

■ 119.4690, 66.3238,
53.9627

■ 190.7050, 31.2044,
24.8147

■ 101.8040, 75.0326,
60.6849

■ 208.3700, 22.4956,
18.0925

■ 83.5520, 84.0309,
67.9219

■ 226.6220, 13.4974,
10.8555

75.8990, 87.8038,
71.1256

244.2870, 4.7885,
4.1333

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.



125.2150, 63.9840, -82.6266



155.0870, 48.7641, 39.3887



141.9300, 23.6985, 99.1624

Triad

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



155.0870, 48.7641, 39.3887



142.9210, -70.4601, 59.7053



129.4400, 28.8701, -113.5189

Complementary

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



155.0870, 48.7641, 39.3887



211.9130, -48.7641, -39.3887

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.



119.1290, -3.0216, -104.4761



155.0870, 48.7641, 39.3887



138.1720, -68.1188, 8.6192

Square

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



155.0870, 48.7641, 39.3887



141.1180, -45.4142, 99.8745



121.8610, -43.3155, -60.3911



135.2030, 58.5669, -118.5730

Rectangle

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



155.0870, 48.7641, 39.3887



130.0010, 5.9155, 109.6241



121.8610, -43.3155, -60.3911



126.0030, 18.2395, -110.5046

Sweetspot

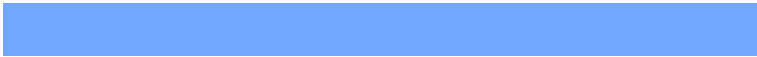
The Sweet Spot groups the original color and five complimentary colors.



155.0870, 48.7641, 39.3887



224.6760, 14.9497, 11.6851



160.7720, 45.9614, -41.8960



109.7480, 8.9982, 7.2370



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.



155.0870, 48.7641, 39.3887



135.1880, 59.0673, 48.0701



169.4090, 33.8154, 74.1863



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

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



161.3150, 2.8027, 81.2847



142.6530, 3.6221, 98.5283



197.5910, -33.8154, -74.1863



119.4570, 0.2677, 7.4922



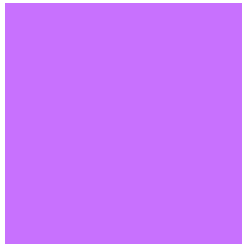
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 155.0870, 48.7641, 39.3887 looks on a white background.

Color Contrast Check

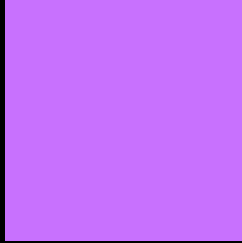
Large Text (above 18pt) WCAG AA × Fail

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 155.0870, 48.7641, 39.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

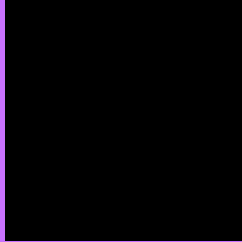
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.0870, 48.7641, 39.3887

Background



This preview shows how black text looks on a background with the YUV color 155.0870, 48.7641, 39.3887.



This preview shows how white text looks on a background with the YUV color 155.0870, 48.7641, 39.3887.

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

155.0870, 48.7641, 39.3887

Protanopia

148.2270, 52.6391, -37.0331

Deuteranopia

145.6730, 49.4612, -44.4402



Tritanopia

154.1110, -1.5337, 25.3357

Trichromacy



Original Color

155.0870, 48.7641, 39.3887



Protanomaly

150.7620, 51.3893, -9.4383



Deuteranomaly

149.1590, 49.2216, -14.1714



Tritanomaly

154.2530, 16.6373, 30.4731

Monochromacy



Original Color

155.0870, 48.7641, 39.3887



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.0830, 17.7071, 13.9592

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.0870, 48.7641, 39.3887 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, 113, 254)` looks like.

```
.text, #text, p{  
    color:rgb(200, 113, 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(200, 113, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 113, 254) }
```

Border

The CSS property to change the border of an element to YUV 155.0870, 48.7641, 39.3887 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, 113, 254) }
```


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

```
.border{ border-color:rgb(200, 113, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 113, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 113, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 113, 254);  
box-shadow:4px 4px 4px 4px rgb(200, 113,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 155.0870, 48.7641, 39.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 113, 254) }
```

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

```
.background{ background-color: rgb(200,  
113, 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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