

Converting Colors

YUV(137.2680, 27.4759,
54.1390)

Have a look what the booklet for
YUV(137.2680, 27.4759, 54.1390)
contains.

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Color

**YUV(137.2680, 27.4759,
54.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	C75FC1
RGB	199, 95, 193
RGB Percent	78%, 37%, 76%
CMY	0.2196, 0.6275, 0.2431
CMYK	0.00, 0.52, 0.03, 0.22
HSL	303°, 48%, 58%
HSV	303°, 52%, 78%
XYZ	37.2710, 24.1768, 53.1543
YIQ	137.2680, 30.5260, 52.5260

Conversions

Conversions Part 2

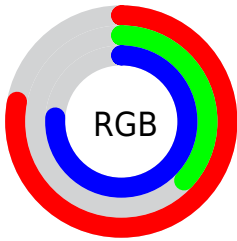
Format	Color
RYB	199, 95, 193
Decimal	13066177
CIELab	56.26, 54.49, -32.89
CIELCh	56, 63.642, 328.887
Yxy	24.1768, 0.3252, 0.2110
Android (android.graphics.Color)	4291256257 (0xFFC75FC1)
YUV	137.2680, 27.4759, 54.1390
Hunter-Lab	49.1699, 49.2566, -29.6755

Details

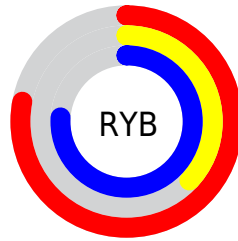
The YUV color **137.2680, 27.4759, 54.1390** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **156.7320, -27.4759, -54.1390**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2080, 28.4915, 55.0686**, and **82.0830, 28.0601, 53.4242** is the 20% darker color. If you saturate the color by 10%, you get **125.4140, 32.8269, 64.5349**, and if you desaturate by 10%, it is **149.1220, 22.1249, 43.7430**.

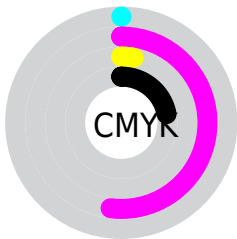
Distribution



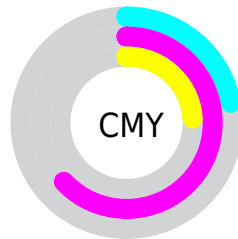
- Red (78%)
- Green (37%)
- Blue (76%)



- Red (78%)
- Yellow (37%)
- Blue (76%)



- Cyan (0%)
- Magenta (52%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2680, 27.4759, 54.1390 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 137.2680, 27.4759, 54.1390 by changing the saturation by 10% instead.

137.2680, 27.4759,
54.1390

137.2680, 27.4759,
54.1390

255.0000, 0.0000,
0.0000

109.6700, 27.7707,
52.9094

192.2080, 28.4915,
55.0686

82.0830, 28.0601,
53.4242

209.2140, 22.5725,
40.1543

47.2670, 32.4064,
59.4018

226.2370, 14.1802,
25.2252

36.3440, 25.4664,
45.3023

243.2600, 5.7878,
10.2960

25.9480, 19.2526,
31.6176

16.1500, 12.7440,
19.1624

2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 137.2680, 27.4759,
54.1390

■ 137.2680, 27.4759,
54.1390

■ 125.4140, 32.8269,
64.5349

■ 149.1220, 22.1249,
43.7430

■ 113.5600, 38.1779,
74.9309

■ 160.9760, 16.7738,
33.3470

■ 101.7060, 43.5289,
85.3268

■ 172.8300, 11.4228,
22.9511

■ 89.7380, 48.4432,
95.8228

■ 184.7980, 6.5086,
12.4552

■ 80.9330, 52.7840,
103.5448

■ 196.6520, 1.1576,
2.0592

■ 207.9190, -3.9041,
-7.8220

■ 219.7730, -9.2551,
-18.2179

■ 231.6270,
-14.6061, -28.6139

■ 232.3280,
-14.4587, -29.2287

Harmonies

Analogous

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



136.1600, 47.7421, -6.2793



137.2680, 27.4759, 54.1390



130.4020, 4.2388, 87.3474

Triad

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



137.2680, 27.4759, 54.1390



126.2210, -62.2270, 32.2552



115.2380, 35.3787, -101.0637

Complementary

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



137.2680, 27.4759, 54.1390



156.7320, -27.4759, -54.1390

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.



108.8540, 10.9180, -95.4650



137.2680, 27.4759, 54.1390



120.8610, -49.7245, -11.2791

Square

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



137.2680, 27.4759, 54.1390



129.9690, -46.3267, 65.8022



100.0080, -12.8219, -87.7070



117.0910, 55.1711, -102.6888

Rectangle

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



137.2680, 27.4759, 54.1390



128.8420, -13.2331, 91.3466



100.0080, -12.8219, -87.7070



113.1860, 27.5163, -99.2641

Sweetspot

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



137.2680, 27.4759, 54.1390



230.7050, 10.9914, 21.3067



108.3510, 44.6900, -7.3238



113.0970, 6.3612, 13.0699



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.



137.2680, 27.4759, 54.1390



159.4670, 42.6608, 83.7824



131.4540, 5.1992, 59.2378



93.7170, 2.6045, 4.6332



66.2930, 43.2396, 84.8120



14.6400, 9.5445, 18.7327

Inverse Universe

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



137.2680, 27.4759, 54.1390



159.4670, 42.6608, 83.7824



162.5460, -5.1992, -59.2378



93.7170, 2.6045, 4.6332



66.2930, 43.2396, 84.8120



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 137.2680, 27.4759, 54.1390 looks on a white background.

Color Contrast Check

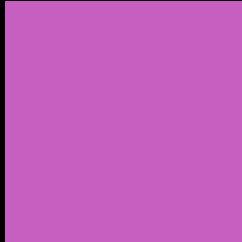
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2680, 27.4759, 54.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

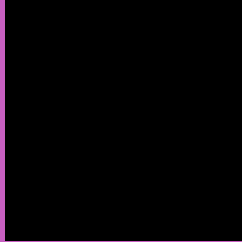
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2680, 27.4759, 54.1390

Background



This preview shows how black text looks on a background with the YUV color 137.2680, 27.4759, 54.1390.



This preview shows how white text looks on a background with the YUV color 137.2680, 27.4759, 54.1390.

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

137.2680, 27.4759, 54.1390

Protanopia

132.4360, 45.6341, -30.2004

Deuteranopia

135.4430, 24.9246, -14.4205



Tritanopia

136.9350, -7.8560, 46.5380

Trichromacy



Original Color

137.2680, 27.4759, 54.1390



Protanomaly

134.5000, 38.7005, 0.4385



Deuteranomaly

136.2380, 26.0117, 10.3153



Tritanomaly

136.6870, 5.0843, 49.3865

Monochromacy



Original Color

137.2680, 27.4759, 54.1390



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.3520, 9.6865, 19.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2680, 27.4759, 54.1390 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(199, 95, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 95, 193)  
}
```

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(199, 95, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 95, 193) }
```

Border

The CSS property to change the border of an element to YUV 137.2680, 27.4759, 54.1390 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(199, 95, 193) }
```


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

```
.border{ border-color:rgb(199, 95, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 95, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 95, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 95, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 95,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 137.2680, 27.4759, 54.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 95, 193) }
```

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

```
.background{ background-color: rgb(199, 95,  
193) }
```

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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