

Converting Colors

YUV(150.6810, 51.4293,
71.3168)

Have a look what the booklet for
YUV(150.6810, 51.4293, 71.3168)
contains.

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Color

**YUV(150.6810, 51.4293,
71.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	E859FF
RGB	232, 89, 255
RGB Percent	91%, 35%, 100%
CMY	0.0902, 0.6510, 0.0000
CMYK	0.09, 0.65, 0.00, 0.00
HSL	292°, 100%, 67%
HSV	292°, 65%, 100%
XYZ	54.9011, 31.5206, 97.7982
YIQ	150.6810, 31.9420, 81.9420

Conversions

Conversions Part 2

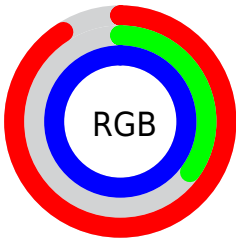
Format	Color
R _Y B	232, 89, 255
Decimal	15227391
CIE Lab	62.94, 76.13, -56.86
CIE LCh	63, 95.017, 323.245
Yxy	31.5206, 0.2980, 0.1711
Android (android.graphics.Color)	4293417471 (0xFFE859FF)
YUV	150.6810, 51.4293, 71.3168
Hunter-Lab	56.1432, 76.3004, -63.9796

Details

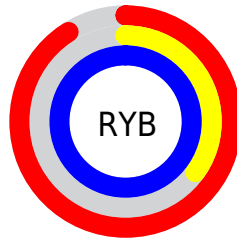
The YUV color **150.6810, 51.4293, 71.3168** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **193.3190, -51.4293, -71.3168**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 30.9648, 55.0835**, and **80.6420, 57.3645, 80.9980** is the 20% darker color. If you saturate the color by 10%, you get **134.8100, 59.2537, 81.7276**, and if you desaturate by 10%, it is **167.1390, 43.3155, 60.3911**.

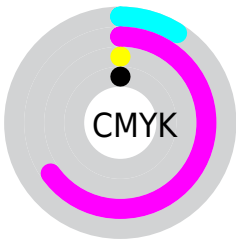
Distribution



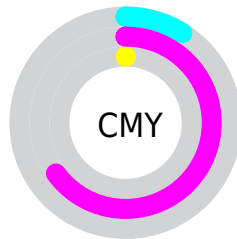
- Red (91%)
- Green (35%)
- Blue (100%)



- Red (91%)
- Yellow (35%)
- Blue (100%)



- Cyan (9%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.6810, 51.4293, 71.3168 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 150.6810, 51.4293, 71.3168 by changing the saturation by 10% instead.


 150.6810, 51.4293,
71.3168


 150.6810, 51.4293,
71.3168


255.0000, 0.0000,
0.0000


 119.6210, 52.4448,
72.2464


 192.1910, 30.9648,
55.0835

 80.6420, 57.3645,
80.9980


 209.2140, 22.5725,
40.1543


 62.1370, 53.1765,
70.9169

 226.2370, 14.1802,
25.2252

 50.6870, 45.5103,
56.4025

 243.8470, 5.4984,
9.7812

 38.9380, 37.9916,
41.2734

 28.0150, 31.0516,
27.1738

 15.8960, 24.7013,

10.6152

■ 5.4890, 18.4929,
-4.8139

■ 2.9810, 8.8834,
-2.6143

■ 150.6810, 51.4293,
71.3168

■ 150.6810, 51.4293,
71.3168

■ 134.8100, 59.2537,
81.7276

■ 167.1390, 43.3155,
60.3911

■ 118.6510, 67.2201,
93.2681

■ 182.7110, 35.6385,
49.3655

■ 102.7800, 75.0445,
103.6789

■ 199.1690, 27.5247,
38.4398

■ 94.8500, 78.9540,
109.7566

■ 214.7410, 19.8477,
27.4141

■ 231.1990, 11.7339,
16.4885

■ 246.7710, 4.0569,
5.4628

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



135.4800, 58.9234, -46.0250



150.6810, 51.4293, 71.3168



104.4130, 34.7994, 132.0648

Triad

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



150.6810, 51.4293, 71.3168



143.1540, -70.5749, 49.8539



135.0940, 40.3797, -118.4774

Complementary

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



150.6810, 51.4293, 71.3168



193.3190, -51.4293, -71.3168

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.



124.0020, 2.9570, -108.7498



150.6810, 51.4293, 71.3168



134.2080, -66.1645, -11.5834

Square

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



150.6810, 51.4293, 71.3168



135.5320, -66.8173, 104.7734



109.4220, -37.6760, -95.9631



137.0780, 58.1355, -120.2174

Rectangle

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



150.6810, 51.4293, 71.3168



94.5070, 12.0750, 140.7524



109.4220, -37.6760, -95.9631



131.9020, 28.1493, -115.6781

Sweetspot

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



150.6810, 51.4293, 71.3168



222.9700, 15.7908, 21.9513



122.5990, 65.2737, -29.4663



108.3080, 9.7082, 12.8849



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.



150.6810, 51.4293, 71.3168



129.8150, 61.7162, 85.2312



150.9460, 22.7046, 91.2554



119.7710, 4.0569, 5.4628



71.1090, 59.1063, 82.3424



23.7410, 19.8477, 27.4141

Inverse Universe

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



141.2560, -14.4232, 99.7535



118.6930, -17.1036, 119.5412



193.0540, -22.7046, -91.2554



119.1150, -1.0427, 7.7921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 150.6810, 51.4293, 71.3168 looks on a white background.

Color Contrast Check

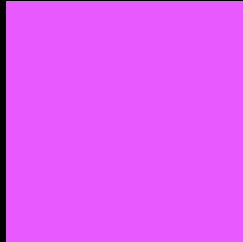
Large Text (above 18pt) WCAG AA × Fail

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 150.6810, 51.4293, 71.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

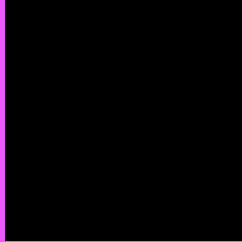
Any Text WCAG AA ✓ Pass

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 150.6810, 51.4293, 71.3168 Background



This preview shows how black text looks on a background with the YUV color 150.6810, 51.4293, 71.3168.



This preview shows how white text looks on a background with the YUV color 150.6810, 51.4293, 71.3168.

71.3168.

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

150.6810, 51.4293, 71.3168

Protanopia

148.2270, 52.6391, -37.0331

Deuteranopia

147.2280, 47.7086, -42.2960



Tritanopia

153.9360, -9.3354, 54.4301

Trichromacy



Original Color

150.6810, 51.4293, 71.3168



Protanomaly

149.0670, 52.2250, 2.5722



Deuteranomaly

148.5350, 49.0362, -1.3462



Tritanomaly

153.1150, 12.7613, 60.4121

Monochromacy



Original Color

150.6810, 51.4293, 71.3168



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.5020, 18.9795, 25.8697

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6810, 51.4293, 71.3168 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(232, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 89, 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(232, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 89, 255) }
```

Border

The CSS property to change the border of an element to YUV 150.6810, 51.4293, 71.3168 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(232, 89, 255) }
```


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

```
.border{ border-color:rgb(232, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 89,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 150.6810, 51.4293, 71.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 89, 255) }
```

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

```
.background{ background-color: rgb(232, 89,  
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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