

Converting Colors

YUV(139.7500, 56.8182,
69.5023)

Have a look what the booklet for
YUV(139.7500, 56.8182, 69.5023)
contains.

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Color

**YUV(139.7500, 56.8182,
69.5023)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4DFF
RGB	219, 77, 255
RGB Percent	86%, 30%, 100%
CMY	0.1412, 0.6980, 0.0000
CMYK	0.14, 0.70, 0.00, 0.00
HSL	288°, 100%, 65%
HSV	288°, 70%, 100%
XYZ	49.9173, 27.5878, 97.3018
YIQ	139.7500, 27.4940, 85.4620

Conversions

Conversions Part 2

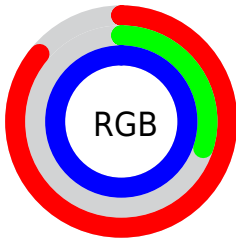
Format	Color
R _{YB}	219, 77, 255
Decimal	14372351
CIE Lab	59.51, 77.91, -62.44
CIE LCh	60, 99.847, 321.288
Yxy	27.5878, 0.2856, 0.1578
Android (android.graphics.Color)	4292562431 (0xFFDB4DFF)
YUV	139.7500, 56.8182, 69.5023
Hunter-Lab	52.5241, 77.7237, -73.0688

Details

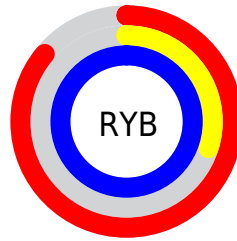
The YUV color **139.7500, 56.8182, 69.5023** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **192.2500, -56.8182, -69.5023**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 34.1481, 60.7463**, and **70.2980, 62.4641, 78.6687** is the 20% darker color. If you saturate the color by 10%, you get **123.5800, 64.7901, 79.2983**, and if you desaturate by 10%, it is **156.5070, 48.5570, 59.1914**.

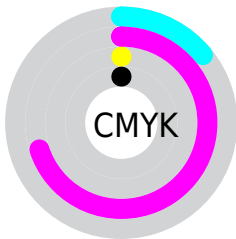
Distribution



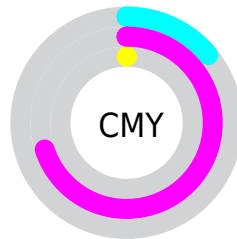
- Red (86%)
- Green (30%)
- Blue (100%)



- Red (86%)
- Yellow (30%)
- Blue (100%)



- Cyan (14%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7500, 56.8182, 69.5023 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 139.7500, 56.8182, 69.5023 by changing the saturation by 10% instead.


 139.7500, 56.8182,
69.5023


 139.7500, 56.8182,
69.5023


255.0000, 0.0000,
0.0000


 107.5160, 58.4126,
71.4615


 185.7340, 34.1481,
60.7463

 70.2980, 62.4641,
78.6687


 202.7570, 25.7558,
45.8171


 58.1360, 54.6560,
63.0247

 219.7800, 17.3635,
30.8879

 46.3870, 47.1372,
47.8956

 237.3900, 8.6817,
15.4440

 34.7520, 40.0553,
32.6665

 23.7150, 32.6785,
18.6669

 8.1220, 28.5339,

-5.3690

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 139.7500, 56.8182,
69.5023

■ 139.7500, 56.8182,
69.5023

■ 123.5800, 64.7901,
79.2983

■ 156.5070, 48.5570,
59.1914

■ 106.8230, 73.0513,
89.6092

■ 172.6770, 40.5852,
49.3953

■ 90.6530, 81.0231,
99.4053

■ 189.4340, 32.3240,
39.0844

■ 89.7670, 81.4599,
99.3053

■ 205.9030, 24.2048,
29.9031

■ 222.6600, 15.9436,
19.5922

■ 238.8300, 7.9718,
9.7961

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.



106.5540, 73.1839, -93.4479



139.7500, 56.8182, 69.5023



95.9670, 37.9773, 139.4719

Triad

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



139.7500, 56.8182, 69.5023



135.2020, -66.6546, 52.4428



128.4430, 37.7426, -112.6445

Complementary

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



139.7500, 56.8182, 69.5023



192.2500, -56.8182, -69.5023

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.



116.8950, -1.4272, -102.5169



139.7500, 56.8182, 69.5023



126.2450, -62.2388, -10.7389

Square

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



139.7500, 56.8182, 69.5023



125.5530, -61.8976, 113.5250



100.3770, -49.4859, -88.0306



132.3820, 60.4507, -116.0990

Rectangle

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



139.7500, 56.8182, 69.5023



89.3550, 12.6430, 145.2707



100.3770, -49.4859, -88.0306



125.1370, 25.0755, -109.7451

Sweetspot

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



139.7500, 56.8182, 69.5023



220.0130, 17.2486, 21.0366



120.1850, 66.4638, -37.8732



107.1230, 10.2924, 12.1701



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.



139.7500, 56.8182, 69.5023



116.5250, 68.2682, 83.7316



144.8140, 29.6717, 96.6331



119.4720, 4.2043, 4.8481



67.5210, 60.8751, 74.9651



22.5450, 20.4373, 24.9550

Inverse Universe

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



134.3260, -10.5137, 105.8311



109.8880, -12.7628, 127.2632



187.1860, -29.6717, -96.6331



119.1150, -1.0427, 7.7921



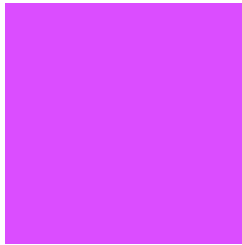
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 139.7500, 56.8182, 69.5023 looks on a white background.

Color Contrast Check

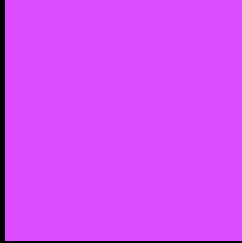
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7500, 56.8182, 69.5023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

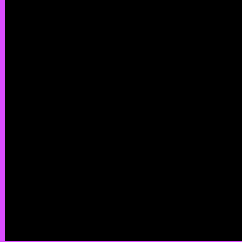
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.7500, 56.8182, 69.5023

Background



This preview shows how black text looks on a background with the YUV color 139.7500, 56.8182, 69.5023.



This preview shows how white text looks on a background with the YUV color 139.7500, 56.8182, 69.5023.

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

139.7500, 56.8182, 69.5023

Protanopia

137.2630, 58.0443, -44.0807

Deuteranopia

134.0460, 53.7143, -55.2913



Tritanopia

144.8430, -8.3036, 50.1267

Trichromacy



Original Color

139.7500, 56.8182, 69.5023



Protanomaly

138.1140, 57.6248, -2.7310



Deuteranomaly

135.9730, 54.7363, -9.6233



Tritanomaly

143.0760, 15.2455, 56.9383

Monochromacy



Original Color

139.7500, 56.8182, 69.5023



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.9580, 20.7267, 25.4698

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7500, 56.8182, 69.5023 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(219, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 77, 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(219, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 77, 255) }
```

Border

The CSS property to change the border of an element to YUV 139.7500, 56.8182, 69.5023 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(219, 77, 255) }
```


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

```
.border{ border-color:rgb(219, 77, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 77, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 77,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 139.7500, 56.8182, 69.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 77, 255) }
```

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

```
.background{ background-color: rgb(219, 77,  
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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