

Converting Colors

YUV(126.5390, 53.4713,
69.6873)

Have a look what the booklet for
YUV(126.5390, 53.4713, 69.6873)
contains.

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Color

**YUV(126.5390, 53.4713,
69.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	CE41EB
RGB	206, 65, 235
RGB Percent	81%, 25%, 92%
CMY	0.1922, 0.7451, 0.0784
CMYK	0.12, 0.72, 0.00, 0.08
HSL	290°, 81%, 59%
HSV	290°, 72%, 92%
XYZ	42.3393, 22.9006, 80.7860
YIQ	126.5390, 29.4660, 82.7620

Conversions

Conversions Part 2

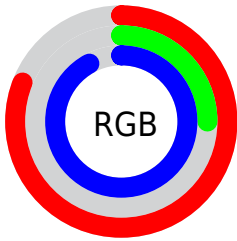
Format	Color
R _Y B	206, 65, 235
Decimal	13517291
CIE Lab	54.97, 75.96, -58.70
CIE LCh	55, 95.994, 322.304
Yxy	22.9006, 0.2899, 0.1568
Android (android.graphics.Color)	4291707371 (0xFFCE41EB)
YUV	126.5390, 53.4713, 69.6873
Hunter-Lab	47.8545, 74.1824, -66.5927

Details

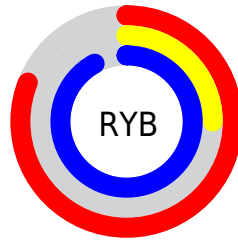
The YUV color **126.5390, 53.4713, 69.6873** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **173.4610, -53.4713, -69.6873**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6900, 37.6208, 66.9239**, and **64.2450, 56.0812, 72.5761** is the 20% darker color. If you saturate the color by 10%, you get **111.2550, 61.0063, 79.5834**, and if you desaturate by 10%, it is **141.2360, 46.2257, 60.3060**.

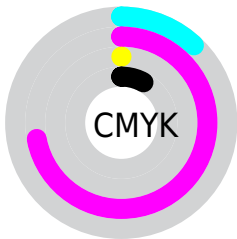
Distribution



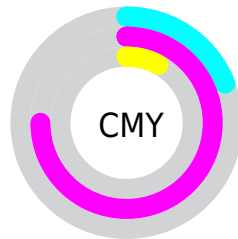
- Red (81%)
- Green (25%)
- Blue (92%)



- Red (81%)
- Yellow (25%)
- Blue (92%)



- Cyan (12%)
- Magenta (72%)
- Yellow (0%)
- Black (8%)





- Cyan (19%)
- Magenta (75%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.5390, 53.4713, 69.6873 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 126.5390, 53.4713, 69.6873 by changing the saturation by 10% instead.


 126.5390, 53.4713,
69.6873


 126.5390, 53.4713,
69.6873


255.0000, 0.0000,
0.0000


 91.9570, 56.2232,
73.7057


 178.6900, 37.6208,
66.9239


 64.2450, 56.0812,
72.5761


 195.7130, 29.2285,
51.9947


 52.4960, 48.5625,
57.4470


 212.7360, 20.8362,
37.0655

 41.0460, 40.8963,
42.9327

 230.3460, 12.1544,
21.6216

 29.5250, 34.2512,
27.6036

 247.9560, 3.4727,
6.1776

 18.0040, 27.6060,
12.2745

 5.7000, 21.8399,

-4.9989

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 126.5390, 53.4713,
69.6873

■ 126.5390, 53.4713,
69.6873

■ 111.2550, 61.0063,
79.5834

■ 141.2360, 46.2257,
60.3060

■ 96.5580, 68.2519,
88.9646

■ 156.5200, 38.6906,
50.4100

■ 85.0950, 73.9032,
96.3867

■ 171.2170, 31.4450,
41.0287

■ 186.5010, 23.9100,
31.1326

■ 201.1980, 16.6644,
21.7514

■ 216.4820, 9.1294,
11.8553

■ 231.1790, 1.8838,
2.4740

■ 246.4630, -5.6513,
-7.4221

■ 248.8330, -6.8197,
-5.9925

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



126.5390, 53.4713, 69.6873



94.1430, 30.9885, 141.0716

Triad

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



126.5390, 53.4713, 69.6873



124.2490, -61.2548, 47.1396



118.8570, 36.5525, -104.2376

Complementary

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



126.5390, 53.4713, 69.6873



173.4610, -53.4713, -69.6873

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.



107.8790, -0.4333, -94.6099



126.5390, 53.4713, 69.6873



115.6020, -56.9918, -13.6830

Square

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



126.5390, 53.4713, 69.6873



115.1760, -56.7818, 105.9626



92.7460, -45.7238, -81.3382



124.1640, 64.5021, -108.8918

Rectangle

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



126.5390, 53.4713, 69.6873



87.8730, 6.9646, 146.5704



92.7460, -45.7238, -81.3382



115.6650, 24.3222, -101.4382

Sweetspot

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



126.5390, 53.4713, 69.6873



219.1380, 17.6800, 22.6810



102.5770, 65.2845, -32.9550



106.2480, 10.7237, 13.8145



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.



126.5390, 53.4713, 69.6873



113.3240, 69.8463, 90.9239



129.0540, 25.6094, 92.9146



109.9450, 3.4781, 4.4332



65.4840, 56.9494, 74.1205



19.3120, 17.1012, 21.6514

Inverse Universe

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



119.1360, -12.3920, 101.6127



103.7100, -16.1260, 132.6813



170.9460, -25.6094, -92.9146



109.5170, -0.7479, 6.5626



57.6530, -13.1399, 108.1753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 126.5390, 53.4713, 69.6873 looks on a white background.

Color Contrast Check

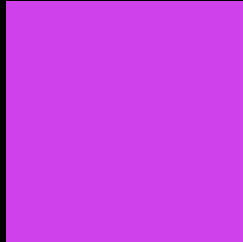
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.5390, 53.4713, 69.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

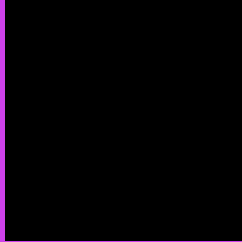
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.5390, 53.4713, 69.6873

Background



This preview shows how black text looks on a background with the YUV color 126.5390, 53.4713, 69.6873.



This preview shows how white text looks on a background with the YUV color 126.5390, 53.4713, 69.6873.

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

126.5390, 53.4713, 69.6873

Protanopia

120.6510, 66.2341, -57.5759

Deuteranopia

123.3410, 49.6249, -50.2881



Tritanopia

132.7290, -8.7404, 50.2267

Trichromacy



Original Color

126.5390, 53.4713, 69.6873



Protanomaly

122.7970, 61.7251, -11.2230



Deuteranomaly

124.3710, 51.0891, -6.4644



Tritanomaly

130.7340, 13.9351, 57.2383

Monochromacy



Original Color

126.5390, 53.4713, 69.6873



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.6160, 19.4163, 25.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5390, 53.4713, 69.6873 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(206, 65, 235)` looks like.

```
.text, #text, p{  
    color:rgb(206, 65, 235)  
}
```

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(206, 65, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 65, 235) }
```

Border

The CSS property to change the border of an element to YUV 126.5390, 53.4713, 69.6873 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(206, 65, 235) }
```


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

```
.border{ border-color:rgb(206, 65, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 65, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 65, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 65, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 65,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 126.5390, 53.4713, 69.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 65, 235) }
```

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

```
.background{ background-color: rgb(206, 65,  
235) }
```

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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