

# Converting Colors

YUV(126.2980, 59.0131,  
65.5137)

Have a look what the booklet for  
YUV(126.2980, 59.0131, 65.5137)  
contains.

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# Color

**YUV(126.2980, 59.0131,  
65.5137)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C941F6
RGB	201, 65, 246
RGB Percent	79%, 25%, 96%
CMY	0.2118, 0.7451, 0.0353
CMYK	0.18, 0.74, 0.00, 0.04
HSL	285°, 91%, 61%
HSV	285°, 74%, 96%
XYZ	42.6122, 22.8519, 89.3537
YIQ	126.2980, 22.9550, 85.1230

# Conversions

## Conversions Part 2

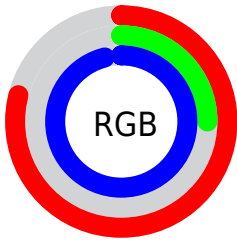
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 65, 246
Decimal	13189622
CIE Lab	54.92, 76.99, -64.97
CIE LCh	55, 100.743, 319.840
Yxy	22.8519, 0.2752, 0.1476
Android (android.graphics.Color)	4291379702 (0xFFC941F6)
YUV	126.2980, 59.0131, 65.5137
Hunter-Lab	47.8037, 75.4586, -77.3611

# Details

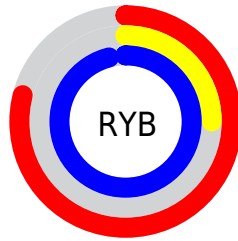
The YUV color **126.2980, 59.0131, 65.5137** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **184.7020, -59.0131, -65.5137**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6900, 37.6208, 66.9239**, and **64.0040, 61.6230, 68.4025** is the 20% darker color. If you saturate the color by 10%, you get **109.8290, 67.1323, 74.6950**, and if you desaturate by 10%, it is **142.7670, 50.8939, 56.3323**.

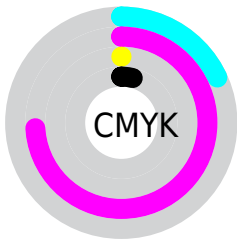
# Distribution



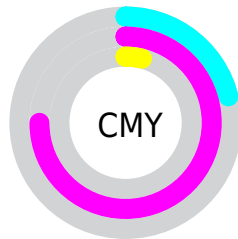
- Red (79%)
- Green (25%)
- Blue (96%)



- Red (79%)
- Yellow (25%)
- Blue (96%)



- Cyan (18%)
- Magenta (74%)
- Yellow (0%)
- Black (4%)




- Cyan (21%)
- Magenta (75%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 126.2980, 59.0131, 65.5137 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 126.2980, 59.0131, 65.5137 by changing the saturation by 10% instead.





 126.2980, 59.0131,  
65.5137


 126.2980, 59.0131,  
65.5137


255.0000, 0.0000,  
0.0000


 91.7160, 61.7650,  
69.5321


 178.6900, 37.6208,  
66.9239


 64.0040, 61.6230,  
68.4025


 195.7130, 29.2285,  
51.9947


 52.1410, 53.6675,  
53.3733


 212.7360, 20.8362,  
37.0655

 40.3920, 46.1487,  
38.2442

 230.3460, 12.1544,  
21.6216

 28.4580, 39.2142,  
22.4003

 247.9560, 3.4727,  
6.1776

 15.4420, 33.3061,  
3.9974

 6.6120, 25.3343,

-5.7987

■ 5.2780, 15.1459,  
-4.6288

■ 1.2540, 4.8048,  
-1.0998

■ 126.2980, 59.0131,  
65.5137

■ 126.2980, 59.0131,  
65.5137

■ 109.8290, 67.1323,  
74.6950

■ 142.7670, 50.8939,  
56.3323

■ 93.9470, 74.9621,  
83.3615

■ 158.6490, 43.0640,  
47.6658

■ 83.3590, 80.1820,  
89.1392

■ 175.1180, 34.9448,  
38.4845

■ 191.0000, 27.1150,  
29.8180

207.7680, 18.8484,  
21.2515

224.2370, 10.7292,  
12.0702

240.1190, 2.8993,  
3.4036

252.4790, -3.1941,  
-2.1741

253.9740, -3.9312,  
0.8998

# Harmonies

## Analogous

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



101.2710, 75.7884, -88.8147



126.2980, 59.0131, 65.5137



95.0550, 34.4829, 140.2718

# Triad

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



126.2980, 59.0131, 65.5137



123.9940, -61.1290, 53.5023



118.9880, 34.5159, -104.3525

# Complementary

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



126.2980, 59.0131, 65.5137



184.7020, -59.0131, -65.5137

# 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.



107.4400, -4.6539, -94.2249



126.2980, 59.0131, 65.5137



116.5100, -57.4394, -10.0943

# Square

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



126.2980, 59.0131, 65.5137



111.3990, -54.9197, 115.4141



92.7460, -45.7238, -81.3382



125.3380, 63.9234, -109.9214



# Rectangle

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



126.2980, 59.0131, 65.5137



88.4430, 9.1486, 146.0705



92.7460, -45.7238, -81.3382



115.5680, 21.4120, -101.3531

# Sweetspot

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



126.2980, 59.0131, 65.5137



217.9420, 18.2696, 20.2219



112.0490, 66.0378, -41.2620



105.3510, 11.1660, 11.9702



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.



126.2980, 59.0131, 65.5137



106.7680, 73.0784, 80.8875



134.6230, 32.7239, 97.6776



114.0590, 3.9149, 4.3333



63.0640, 60.6074, 67.4729



19.8820, 19.2852, 21.1515



# Inverse Universe

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



124.2490, -7.0248, 106.7756



104.2460, -8.9953, 132.2113



176.3770, -32.7239, -97.6776



113.9300, -0.4585, 7.0774



60.8580, -7.3250, 109.7495



19.3510, -2.1450, 34.7722



# Previews

## White Background



This preview shows how the YUV color 126.2980, 59.0131, 65.5137 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

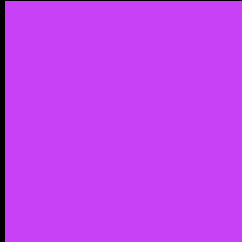
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 126.2980, 59.0131, 65.5137 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

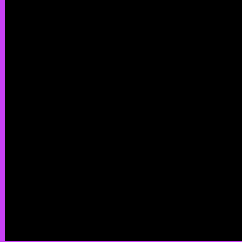
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.2980, 59.0131, 65.5137

## Background



This preview shows how black text looks on a background with the YUV color 126.2980, 59.0131, 65.5137.



This preview shows how white text looks on a background with the YUV color 126.2980, 59.0131, 65.5137.



# 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

126.2980, 59.0131, 65.5137

### Protanopia

120.0530, 66.5289, -58.8055

### Deuteranopia

115.7990, 58.2731, -70.8607



## Tritanopia

133.4400, -7.1189, 43.4641

# Trichromacy



## Original Color

126.2980, 59.0131, 65.5137



## Protanomaly

122.3560, 63.9145, -13.4672



## Deuteranomaly

119.5200, 58.4106, -21.5040



## Tritanomaly

130.7980, 16.8616, 51.9202

# Monochromacy



## Original Color

126.2980, 59.0131, 65.5137



## Achromatopsia

126.0000, 0.0000, 0.0000



## Achromatomaly

126.1750, 21.6057, 23.5255

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.2980, 59.0131, 65.5137 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(201, 65, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 65, 246)  
}
```

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(201, 65, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 65, 246) }
```

## Border

The CSS property to change the border of an element to YUV 126.2980, 59.0131, 65.5137 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(201, 65, 246) }
```



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

```
.border{ border-color:rgb(201, 65, 246) }
```

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

Here you see how a box with a 4 pixel rgb(201, 65, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 65, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 65, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 65,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 126.2980, 59.0131, 65.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 65, 246) }
```

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

```
.background{ background-color: rgb(201, 65,  
246) }
```

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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