

Converting Colors

YUV(114.9980, 67.5420,
83.3168)

Have a look what the booklet for
YUV(114.9980, 67.5420, 83.3168)
contains.

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Color

**YUV(114.9980, 67.5420,
83.3168)**

Conversions

Conversions Part 1

Format	Color
Hex	D228FC
RGB	210, 40, 252
RGB Percent	82%, 16%, 99%
CMY	0.1765, 0.8431, 0.0118
CMYK	0.17, 0.84, 0.00, 0.01
HSL	288°, 97%, 57%
HSV	288°, 84%, 99%
XYZ	44.9078, 22.2475, 94.0228
YIQ	114.9980, 33.2680, 101.9720

Conversions

Conversions Part 2

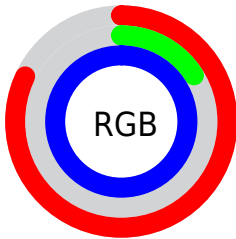
Format	Color
R _Y B	210, 40, 252
Decimal	13773052
CIE Lab	54.29, 86.46, -69.27
CIE LCh	54, 110.786, 321.302
Yxy	22.2475, 0.2786, 0.1380
Android (android.graphics.Color)	4291963132 (0xFFD228FC)
YUV	114.9980, 67.5420, 83.3168
Hunter-Lab	47.1673, 87.4067, -85.1710

Details

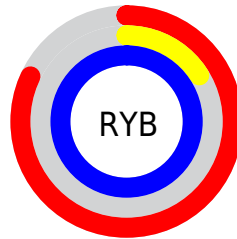
The YUV color **114.9980, 67.5420, 83.3168** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **177.0020, -67.5420, -83.3168**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **66.9660, 62.6278, 72.8208** is the 20% darker color. If you saturate the color by 10%, you get **98.8280, 75.5138, 93.1128**, and if you desaturate by 10%, it is **131.1680, 59.5702, 73.5207**.

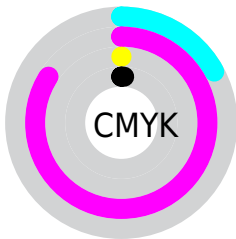
Distribution



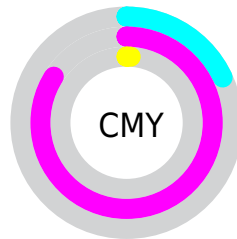
- Red (82%)
- Green (16%)
- Blue (99%)



- Red (82%)
- Yellow (16%)
- Blue (99%)



- Cyan (17%)
- Magenta (84%)
- Yellow (0%)
- Black (1%)




- Cyan (18%)
- Magenta (84%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.9980, 67.5420, 83.3168 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 114.9980, 67.5420, 83.3168 by changing the saturation by 10% instead.


 114.9980, 67.5420,
83.3168


 114.9980, 67.5420,
83.3168


255.0000, 0.0000,
0.0000


 79.2420, 70.8727,
88.3648


 169.8850, 41.9617,
74.6459


 66.9660, 62.6278,
72.8208


 187.4950, 33.2800,
59.2019


 54.8040, 54.8196,
57.1769


 205.1050, 24.5982,
43.7579

 42.7560, 47.4483,
41.4330

 222.7150, 15.9165,
28.3139

 30.8220, 40.5138,
25.5891

 240.9120, 6.9454,
12.3552

 17.6920, 34.1688,
7.2861

 7.1820, 27.5183,

-6.2986

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 114.9980, 67.5420,
83.3168

■ 114.9980, 67.5420,
83.3168

■ 98.8280, 75.5138,
93.1128

■ 131.1680, 59.5702,
73.5207

■ 89.1260, 80.2969,
98.9905

■ 147.3380, 51.5984,
63.7246

■ 164.0950, 43.3372,
53.4137

■ 180.2650, 35.3654,
43.6176

■ 196.4350, 27.3935,
33.8215

■ 212.6050, 19.4217,
24.0254

■ 228.7750, 11.4499,
14.2293

■ 245.5320, 3.1887,
3.9184

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



114.9980, 67.5420, 83.3168



94.7130, 33.1725, 140.5717

Triad

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



114.9980, 67.5420, 83.3168



122.7980, -60.5394, 51.0432



120.0140, 38.4471, -105.2523

Complementary

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



114.9980, 67.5420, 83.3168



177.0020, -67.5420, -83.3168

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.



107.4400, -4.6539, -94.2249



114.9980, 67.5420, 83.3168



112.3240, -55.3757, -18.7011

Square

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



114.9980, 67.5420, 83.3168



106.1380, -52.3260, 123.5360



92.7460, -45.7238, -81.3382



125.9250, 63.6340, -110.4362

Rectangle

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



114.9980, 67.5420, 83.3168



87.5310, 5.6542, 146.8703



92.7460, -45.7238, -81.3382



116.2520, 24.0328, -101.9530

Sweetspot

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



114.9980, 67.5420, 83.3168



213.5450, 20.4373, 24.9550



88.8220, 80.4468, -42.8169



102.7150, 12.4655, 15.1589



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.



114.9980, 67.5420, 83.3168



90.0660, 81.3125, 99.9201



120.2600, 33.3958, 115.5360



116.4720, 4.2043, 4.8481



66.6950, 60.2964, 73.9355



21.6050, 19.4217, 24.0254

Inverse Universe

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



108.1760, -12.9048, 126.1336



82.0590, -15.3121, 151.6693



171.7400, -33.3958, -115.5360



116.2290, -0.6059, 7.6922



60.7290, -11.6984, 112.4937



19.6070, -3.7503, 36.3017

Previews

White Background



This preview shows how the YUV color 114.9980, 67.5420, 83.3168 looks on a white background.

Color Contrast Check

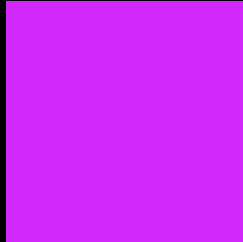
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9980, 67.5420, 83.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

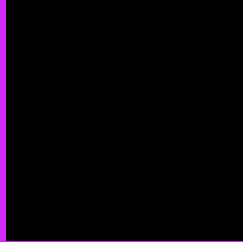
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.9980, 67.5420, 83.3168 Background



This preview shows how black text looks on a background with the YUV color 114.9980, 67.5420, 83.3168.



This preview shows how white text looks on a background with the YUV color 114.9980, 67.5420,

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

114.9980, 67.5420, 83.3168

Protanopia

116.7860, 68.1395, -62.0793

Deuteranopia

104.1600, 64.0111, -91.3483



Tritanopia

130.8110, -9.7668, 52.7858

Trichromacy



Original Color

114.9980, 67.5420, 83.3168



Protanomaly

116.4150, 67.8294, -9.1340



Deuteranomaly

108.3110, 65.4157, -28.3367



Tritanomaly

125.2170, 18.1340, 63.8307

Monochromacy



Original Color

114.9980, 67.5420, 83.3168



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.3160, 24.4942, 30.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9980, 67.5420, 83.3168 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(210, 40, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 40, 252)  
}
```

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(210, 40, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 40, 252) }
```

Border

The CSS property to change the border of an element to YUV 114.9980, 67.5420, 83.3168 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(210, 40, 252) }
```


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

```
.border{ border-color:rgb(210, 40, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 40, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 40, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 40, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 40,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 114.9980, 67.5420, 83.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 40, 252) }
```

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

```
.background{ background-color: rgb(210, 40,  
252) }
```

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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