

Converting Colors

YUV(106.4940, 65.3255,
94.2828)

Have a look what the booklet for
YUV(106.4940, 65.3255, 94.2828)
contains.

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Color

**YUV(106.4940, 65.3255,
94.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	D61AEF
RGB	214, 26, 239
RGB Percent	84%, 10%, 94%
CMY	0.1608, 0.8980, 0.0627
CMYK	0.10, 0.89, 0.00, 0.06
HSL	293°, 87%, 52%
HSV	293°, 89%, 94%
XYZ	43.6809, 21.2669, 83.4640
YIQ	106.4940, 43.6750, 106.0990

Conversions

Conversions Part 2

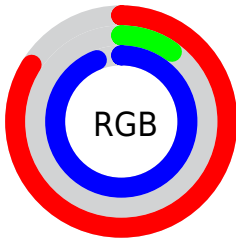
Format	Color
R _Y B	214, 26, 239
Decimal	14031599
CIE Lab	53.24, 87.40, -63.66
CIE LCh	53, 108.128, 323.933
Yxy	21.2669, 0.2943, 0.1433
Android (android.graphics.Color)	4292221679 (0xFFD61AEF)
YUV	106.4940, 65.3255, 94.2828
Hunter-Lab	46.1161, 88.3713, -75.0259

Details

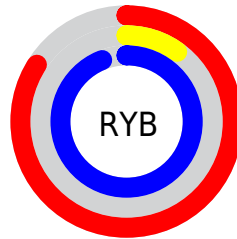
The YUV color **106.4940, 65.3255, 94.2828** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **158.5060, -65.3255, -94.2828**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **66.7940, 56.7966, 76.4797** is the 20% darker color. If you saturate the color by 10%, you get **91.5090, 72.7131, 104.7936**, and if you desaturate by 10%, it is **121.4790, 57.9379, 83.7719**.

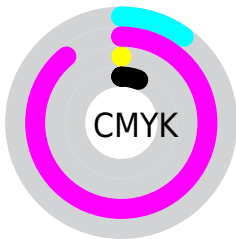
Distribution



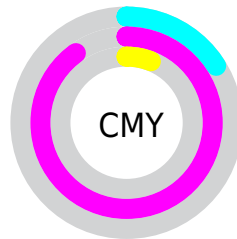
- Red (84%)
- Green (10%)
- Blue (94%)



- Red (84%)
- Yellow (10%)
- Blue (94%)



- Cyan (10%)
- Magenta (89%)
- Yellow (0%)
- Black (6%)




- Cyan (16%)
- Magenta (90%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4940, 65.3255, 94.2828 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 106.4940, 65.3255, 94.2828 by changing the saturation by 10% instead.


 106.4940, 65.3255,
94.2828


 106.4940, 65.3255,
94.2828


255.0000, 0.0000,
0.0000


 78.9560, 64.6047,
92.1236

 166.3630, 43.6980,
77.7346


 66.7940, 56.7966,
76.4797


 184.5600, 34.7269,
61.7759

 54.6320, 48.9884,
60.8357


 202.1700, 26.0452,
46.3319

 42.9970, 41.9065,
45.6066

 219.7800, 17.3635,
30.8879

 31.3620, 34.8245,
30.3775

 237.3900, 8.6817,
15.4440

 19.2430, 28.4742,
13.8189

 6.0420, 23.1503,

-5.2988

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 106.4940, 65.3255,
94.2828

■ 106.4940, 65.3255,
94.2828

■ 91.5090, 72.7131,
104.7936

■ 121.4790, 57.9379,
83.7719

■ 90.3350, 73.2918,
105.8232

■ 136.4640, 50.5502,
73.2611

■ 151.1500, 43.3100,
62.1354

■ 166.1350, 35.9224,
51.6246

■ 180.5330, 28.8242,
41.6286

■ 195.5180, 21.4366,
31.1177

■ 210.5030, 14.0490,
20.6069

■ 225.1890, 6.8088,
9.4812

■ 240.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



106.4940, 65.3255, 94.2828



93.3450, 27.9309, 141.7714

Triad

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



106.4940, 65.3255, 94.2828



120.3950, -59.3547, 44.3806



118.5950, 40.6257, -104.0078

Complementary

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



106.4940, 65.3255, 94.2828



158.5060, -65.3255, -94.2828

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.



106.4770, -0.7282, -93.3803



106.4940, 65.3255, 94.2828



108.4480, -53.4649, -24.9489

Square

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



106.4940, 65.3255, 94.2828



107.5450, -53.0197, 112.6550



91.5720, -45.1450, -80.3086



122.9900, 65.0809, -107.8622

Rectangle

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



106.4940, 65.3255, 94.2828



86.5050, 1.7230, 147.7701



91.5720, -45.1450, -80.3086



114.4740, 27.3743, -100.3937

Sweetspot

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



106.4940, 65.3255, 94.2828



212.1050, 21.1472, 30.6029



66.7180, 84.9350, -35.7097



102.4380, 12.6021, 18.0329



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.



106.4940, 65.3255, 94.2828



96.3450, 78.2169, 112.8304



105.0770, 27.5700, 117.4505



112.3580, 3.7675, 4.9480



69.4140, 56.4909, 81.1979



21.3340, 17.0903, 25.1401

Inverse Universe

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



92.5370, -20.4777, 128.4481



79.6650, -24.4848, 153.7688



159.9230, -27.5700, -117.4505



111.7020, -1.3321, 7.2773



57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 106.4940, 65.3255, 94.2828 looks on a white background.

Color Contrast Check

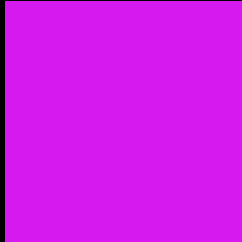
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.4940, 65.3255, 94.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

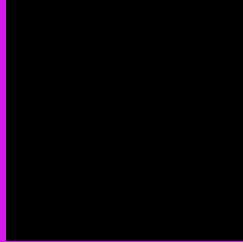
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.4940, 65.3255, 94.2828

Background



This preview shows how black text looks on a background with the YUV color 106.4940, 65.3255, 94.2828.



This preview shows how white text looks on a background with the YUV color 106.4940, 65.3255, 94.2828.

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

106.4940, 65.3255, 94.2828

Protanopia

112.0240, 70.4872, -68.4270

Deuteranopia

113.9310, 54.7570, -63.0835



Tritanopia

126.9970, -11.8305, 61.3926

Trichromacy



Original Color

106.4940, 65.3255, 94.2828



Protanomaly

109.6430, 68.7030, -9.3339



Deuteranomaly

111.6190, 58.3618, -5.8049



Tritanomaly

119.7020, 15.9229, 73.0523

Monochromacy



Original Color

106.4940, 65.3255, 94.2828



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.1100, 23.6098, 34.1065

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4940, 65.3255, 94.2828 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(214, 26, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 26, 239)  
}
```

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(214, 26, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 26, 239) }
```

Border

The CSS property to change the border of an element to YUV 106.4940, 65.3255, 94.2828 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(214, 26, 239) }
```


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

```
.border{ border-color:rgb(214, 26, 239) }
```

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

Here you see how a box with a 4 pixel rgb(214, 26, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 26, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 26, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 26,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 106.4940, 65.3255, 94.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 26, 239) }
```

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

```
.background{ background-color: rgb(214, 26,  
239) }
```

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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