

Converting Colors

YUV(105.9650, 71.0093,
91.2387)

Have a look what the booklet for
YUV(105.9650, 71.0093, 91.2387)
contains.

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Color

**YUV(105.9650, 71.0093,
91.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	D219FA
RGB	210, 25, 250
RGB Percent	82%, 10%, 98%
CMY	0.1765, 0.9020, 0.0196
CMYK	0.16, 0.90, 0.00, 0.02
HSL	289°, 96%, 54%
HSV	289°, 90%, 98%
XYZ	44.1813, 21.2990, 92.2250
YIQ	105.9650, 38.0350, 109.1950

Conversions

Conversions Part 2

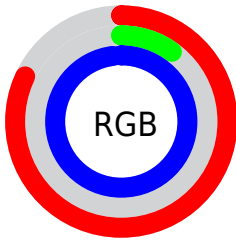
Format	Color
R _{YB}	210, 25, 250
Decimal	13769210
CIE Lab	53.28, 88.72, -69.79
CIE LCh	53, 112.881, 321.810
Yxy	21.2990, 0.2802, 0.1351
Android (android.graphics.Color)	4291959290 (0xFFD219FA)
YUV	105.9650, 71.0093, 91.2387
Hunter-Lab	46.1509, 90.1181, -86.1758

Details

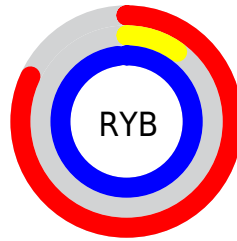
The YUV color **105.9650, 71.0093, 91.2387** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **169.0350, -71.0093, -91.2387**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **66.7380, 61.7542, 73.0208** is the 20% darker color. If you saturate the color by 10%, you get **90.0940, 78.8337, 101.6496**, and if you desaturate by 10%, it is **121.8360, 63.1849, 80.8278**.

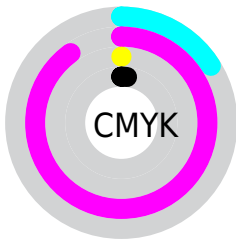
Distribution



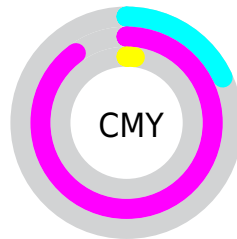
- Red (82%)
- Green (10%)
- Blue (98%)



- Red (82%)
- Yellow (10%)
- Blue (98%)



- Cyan (16%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)





- Cyan (18%)
- Magenta (90%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.9650, 71.0093, 91.2387 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 105.9650, 71.0093, 91.2387 by changing the saturation by 10% instead.


 105.9650, 71.0093,
91.2387


 105.9650, 71.0093,
91.2387


255.0000, 0.0000,
0.0000


 79.0140, 69.9991,
88.5647


 165.7760, 43.9874,
78.2494


 66.7380, 61.7542,
73.0208


 183.9730, 35.0163,
62.2907

 54.5760, 53.9460,
57.3768


 201.5830, 26.3346,
46.8467

 42.5280, 46.5747,
41.6329

 219.7800, 17.3635,
30.8879

 30.5940, 39.6402,
25.7891

 237.3900, 8.6817,
15.4440

 17.1650, 33.4427,
6.8713

 6.9540, 26.6447,

-6.0987

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 105.9650, 71.0093,
91.2387

■ 105.9650, 71.0093,
91.2387

■ 90.0940, 78.8337,
101.6496

■ 121.8360, 63.1849,
80.8278

■ 138.0060, 55.2130,
71.0317

■ 153.8770, 47.3886,
60.6209

■ 170.0470, 39.4168,
50.8248

■ 185.9180, 31.5924,
40.4139

■ 202.0880, 23.6206,
30.6178

■ 217.9590, 15.7962,
20.2070

■ 234.1290, 7.8244,
10.4109

■ 250.0000, 0.0000,
0.0000

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



105.9650, 71.0093, 91.2387



94.2570, 31.4253, 140.9716

Triad

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



105.9650, 71.0093, 91.2387



120.4280, -59.3710, 49.6136



118.8400, 39.0259, -104.2227

Complementary

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



105.9650, 71.0093, 91.2387



169.0350, -71.0093, -91.2387

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.



105.4510, -4.6593, -92.4805



105.9650, 71.0093, 91.2387



109.0570, -53.7651, -21.9750

Square

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



105.9650, 71.0093, 91.2387



101.7190, -50.1475, 124.7804



91.5720, -45.1450, -80.3086



124.1640, 64.5021, -108.8918

Rectangle

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



105.9650, 71.0093, 91.2387



87.0750, 3.9070, 147.2702



91.5720, -45.1450, -80.3086



114.4910, 24.9009, -100.4086

Sweetspot

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



105.9650, 71.0093, 91.2387



210.9090, 21.7369, 28.1438



74.7170, 86.4145, -43.6018



101.5410, 13.0443, 16.1885



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.



105.9650, 71.0093, 91.2387



91.8600, 80.4280, 103.6088



109.8310, 34.1003, 122.9282



116.7710, 4.0569, 5.4628



67.8910, 59.7067, 76.3946



21.9040, 19.2743, 24.6402

Inverse Universe

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



96.8350, -15.6947, 134.3257



81.3750, -17.9329, 152.2691



165.1690, -34.1003, -122.9282



116.2290, -0.6059, 7.6922



60.3870, -13.0088, 112.7936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 105.9650, 71.0093, 91.2387 looks on a white background.

Color Contrast Check

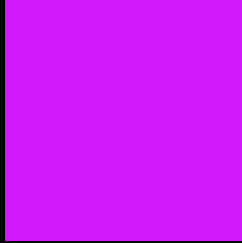
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.9650, 71.0093, 91.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

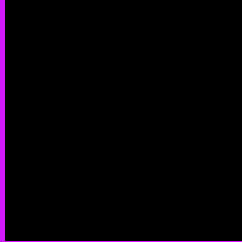
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.9650, 71.0093, 91.2387

Background



This preview shows how black text looks on a background with the YUV color 105.9650, 71.0093, 91.2387.



This preview shows how white text looks on a background with the YUV color 105.9650, 71.0093, 91.2387.

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

105.9650, 71.0093, 91.2387

Protanopia

112.0240, 70.4872, -68.4270

Deuteranopia

102.5300, 62.8427, -89.9188



Tritanopia

128.0070, -10.3565, 55.2449

Trichromacy



Original Color

105.9650, 71.0093, 91.2387



Protanomaly

109.8000, 70.5976, -10.3486



Deuteranomaly

103.7460, 65.6942, -24.3332



Tritanomaly

120.1790, 19.1388, 68.2490

Monochromacy



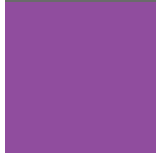
Original Color

105.9650, 71.0093, 91.2387



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.2670, 25.5044, 33.0918

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9650, 71.0093, 91.2387 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, 25, 250)` looks like.

```
.text, #text, p{  
    color:rgb(210, 25, 250)  
}
```

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, 25, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 25, 250) }
```

Border

The CSS property to change the border of an element to YUV 105.9650, 71.0093, 91.2387 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, 25, 250) }
```


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

```
.border{ border-color:rgb(210, 25, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 25, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 25, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 25, 250);  
box-shadow:4px 4px 4px 4px rgb(210, 25,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 105.9650, 71.0093, 91.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 25, 250) }
```

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

```
.background{ background-color: rgb(210, 25,  
250) }
```

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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