

Converting Colors

YUV(101.6170, 75.6178,
106.4529)

Have a look what the booklet for
YUV(101.6170, 75.6178, 106.4529)
contains.

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Color

**YUV(101.6170, 75.6178,
106.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0AFF
RGB	223, 10, 255
RGB Percent	87%, 4%, 100%
CMY	0.1255, 0.9608, 0.0000
CMYK	0.13, 0.96, 0.00, 0.00
HSL	292°, 100%, 52%
HSV	292°, 96%, 100%
XYZ	48.5900, 23.1251, 96.5103
YIQ	101.6170, 48.3030, 121.3510

Conversions

Conversions Part 2

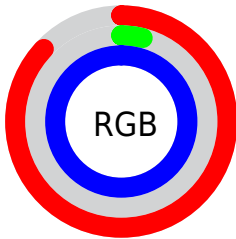
Format	Color
R _Y B	223, 10, 255
Decimal	14617343
CIE _{Lab}	55.20, 92.90, -69.36
CIE _{LCh}	55, 115.932, 323.254
Y _{xy}	23.1251, 0.2888, 0.1375
Android (android.graphics.Color)	4292807423 (0xFFDF0AFF)
YUV	101.6170, 75.6178, 106.4529
Hunter-Lab	48.0885, 96.2064, -85.3290

Details

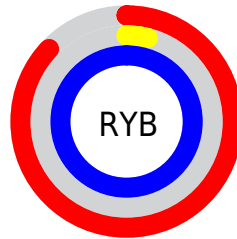
The YUV color **101.6170, 75.6178, 106.4529** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **163.3830, -75.6178, -106.4529**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1890, 44.2768, 78.7642**, and **70.8960, 62.1693, 79.8982** is the 20% darker color. If you saturate the color by 10%, you get **95.4480, 78.6591, 110.9861**, and if you desaturate by 10%, it is **117.1890, 67.9408, 95.4272**.

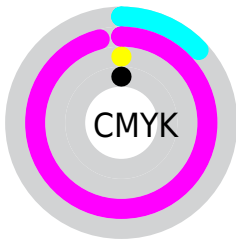
Distribution



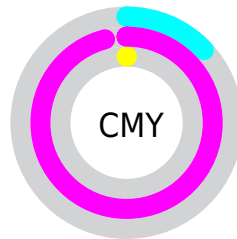
- Red (87%)
- Green (4%)
- Blue (100%)



- Red (87%)
- Yellow (4%)
- Blue (100%)



- Cyan (13%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.6170, 75.6178, 106.4529 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 101.6170, 75.6178, 106.4529 by changing the saturation by 10% instead.


 101.6170, 75.6178,
106.4529


 101.6170, 75.6178,
106.4529


255.0000, 0.0000,
0.0000


 83.1720, 70.4142,
95.4422


 165.1890, 44.2768,
78.7642


 70.8960, 62.1693,
79.8982


 183.3860, 35.3057,
62.8055

 58.7340, 54.3611,
64.2543


 201.5830, 26.3346,
46.8467

 46.6860, 46.9898,
48.5104

 219.7800, 17.3635,
30.8879

 34.6380, 39.6185,
32.7665

 237.9770, 8.3923,
14.9292

 22.5190, 33.2681,
16.2078

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 101.6170, 75.6178,
106.4529

■ 101.6170, 75.6178,
106.4529

■ 95.4480, 78.6591,
110.9861

■ 117.1890, 67.9408,
95.4272

■ 133.6470, 59.8270,
84.5016

■ 149.8060, 51.8606,
72.9611

■ 165.3780, 44.1836,
61.9355

181.8360, 36.0699,
51.0098

197.4080, 28.3929,
39.9842

213.5670, 20.4265,
28.4437

229.4380, 12.6021,
18.0329

245.5970, 4.6357,
6.4924

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



101.6170, 75.6178, 106.4529



94.4850, 32.2989, 140.7717

Triad

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



101.6170, 75.6178, 106.4529



124.8470, -61.5496, 48.3692



123.7300, 42.5311, -108.5112

Complementary

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



101.6170, 75.6178, 106.4529



163.3830, -75.6178, -106.4529

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.



110.7000, -2.3171, -97.0839



101.6170, 75.6178, 106.4529



111.6820, -55.0592, -26.9081

Square

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



101.6170, 75.6178, 106.4529



108.2090, -53.3470, 124.3507



95.0940, -46.8813, -83.3974



127.6860, 62.7658, -111.9806

Rectangle

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



101.6170, 75.6178, 106.4529



86.9610, 3.4702, 147.3702



95.0940, -46.8813, -83.3974



119.2670, 27.9694, -104.5972

Sweetspot

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



101.6170, 75.6178, 106.4529



208.5720, 22.8890, 31.9474



57.3010, 97.4656, -41.4830



99.7910, 13.9070, 19.4773



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.



101.6170, 75.6178, 106.4529



95.4480, 78.6591, 110.9861



100.9250, 31.5890, 135.1238



119.7710, 4.0569, 5.4628



71.4080, 58.9589, 82.9572



23.7410, 19.8477, 27.4141

Inverse Universe

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



86.9030, -22.1372, 147.4211



80.0070, -23.1745, 153.4689



164.0750, -31.5890, -135.1238



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 101.6170, 75.6178, 106.4529 looks on a white background.

Color Contrast Check

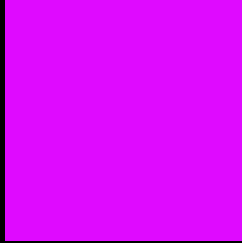
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.6170, 75.6178, 106.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

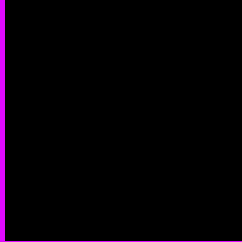
Any Text WCAG AA ✓ Pass

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 101.6170, 75.6178, 106.4529 Background



This preview shows how black text looks on a background with the YUV color 101.6170, 75.6178, 106.4529.



This preview shows how white text looks on a background with the YUV color 101.6170, 75.6178, 106.4529.

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

101.6170, 75.6178, 106.4529

Protanopia

121.8360, 65.6499, -56.8612

Deuteranopia

107.5020, 65.3215, -91.6483



Tritanopia

131.8940, -12.2727, 63.2370

Trichromacy



Original Color

101.6170, 75.6178, 106.4529

Protanomaly

114.5350, 69.2492, 2.1618

Deuteranomaly

105.5770, 68.7355, -19.8000

Tritanomaly

120.7720, 19.8324, 79.1300

Monochromacy



Original Color

101.6170, 75.6178, 106.4529

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1690, 27.5247, 38.4398

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6170, 75.6178, 106.4529 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(223, 10, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 10, 255)  
}
```

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(223, 10, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 10, 255) }
```

Border

The CSS property to change the border of an element to YUV 101.6170, 75.6178, 106.4529 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(223, 10, 255) }
```


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

```
.border{ border-color:rgb(223, 10, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 10, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 10, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 10, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 10,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 101.6170, 75.6178, 106.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 10, 255) }
```

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

```
.background{ background-color: rgb(223, 10,  
255) }
```

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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