

Converting Colors

YUV(101.2080, 75.8195,
88.3946)

Have a look what the booklet for
YUV(101.2080, 75.8195, 88.3946)
contains.

YUV(101.2080, 75.8195, 88.3946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.2080, 75.8195,
88.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	CA14FF
RGB	202, 20, 255
RGB Percent	79%, 8%, 100%
CMY	0.2078, 0.9216, 0.0000
CMYK	0.21, 0.92, 0.00, 0.00
HSL	286°, 100%, 54%
HSV	286°, 92%, 100%
XYZ	42.6573, 20.2769, 96.2733
YIQ	101.2080, 33.0370, 111.6690

Conversions

Conversions Part 2

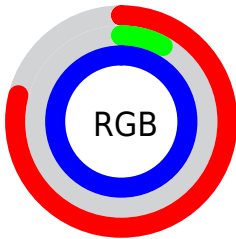
Format	Color
R _Y B	202, 20, 255
Decimal	13243647
CIE Lab	52.15, 89.07, -74.46
CIE LCh	52, 116.095, 320.104
Yxy	20.2769, 0.2679, 0.1274
Android (android.graphics.Color)	4291433727 (0xFFCA14FF)
YUV	101.2080, 75.8195, 88.3946
Hunter-Lab	45.0298, 90.2928, -95.2404

Details

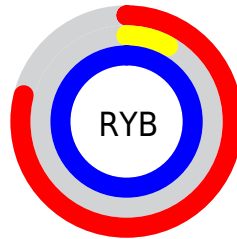
The YUV color **101.2080, 75.8195, 88.3946** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **173.7920, -75.8195, -88.3946**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 44.8556, 79.7938**, and **64.6170, 65.2648, 66.9879** is the 20% darker color. If you saturate the color by 10%, you get **87.9730, 82.3443, 95.6167**, and if you desaturate by 10%, it is **118.2640, 67.4108, 78.6985**.

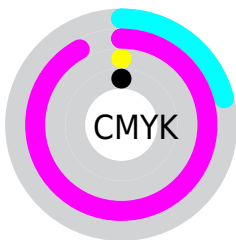
Distribution



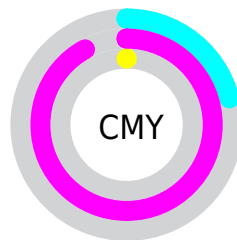
- Red (79%)
- Green (8%)
- Blue (100%)



- Red (79%)
- Yellow (8%)
- Blue (100%)



- Cyan (21%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.2080, 75.8195, 88.3946 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 101.2080, 75.8195, 88.3946 by changing the saturation by 10% instead.


 101.2080, 75.8195,
88.3946


 101.2080, 75.8195,
88.3946


255.0000, 0.0000,
0.0000


 77.1920, 73.3623,
83.1466


 164.0150, 44.8556,
79.7938


 64.6170, 65.2648,
66.9879


 182.2120, 35.8845,
63.8351


 52.4550, 57.4567,
51.3440


 200.4090, 26.9134,
47.8763

 40.4070, 50.0853,
35.6001

 218.0190, 18.2316,
32.4323

 28.0600, 42.8614,
19.2414

 235.6290, 9.5499,
16.9884

 10.1460, 38.8750,
-8.8980

253.8260, 0.5788,

 7.4100, 28.3919,

1.0296

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 101.2080, 75.8195,
88.3946

■ 101.2080, 75.8195,
88.3946

■ 87.9730, 82.3443,
95.6167

■ 118.2640, 67.4108,
78.6985

■ 134.7330, 59.2916,
69.5172

■ 151.4900, 51.0304,
59.2063

■ 167.9590, 42.9112,
50.0250

184.4280, 34.7920,
40.8436

201.4840, 26.3834,
31.1475

218.2410, 18.1222,
20.8366

234.7100, 10.0030,
11.6553

251.7660, 1.5944,
1.9592

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



101.2080, 75.8195, 88.3946



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.



101.2080, 75.8195, 88.3946



117.5040, -57.9295, 53.9320



116.2810, 36.8365, -101.9784

Complementary

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



101.2080, 75.8195, 88.3946



173.7920, -75.8195, -88.3946

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.



102.6640, -7.7224, -90.0363



101.2080, 75.8195, 88.3946



107.0080, -52.7549, -19.3010

Square

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



101.2080, 75.8195, 88.3946



90.5770, -44.6545, 136.3060



89.8110, -44.2768, -78.7642



122.9900, 65.0809, -107.8622

Rectangle

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



101.2080, 75.8195, 88.3946



87.3030, 4.7806, 147.0703



89.8110, -44.2768, -78.7642



111.8180, 22.2747, -98.0644

Sweetspot

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



101.2080, 75.8195, 88.3946



208.5390, 22.9053, 26.7143



79.0750, 86.7310, -51.8088



99.1820, 14.2073, 16.5034



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.



101.2080, 75.8195, 88.3946



87.9730, 82.3443, 95.6167



109.8730, 40.4886, 127.2764



119.4720, 4.2043, 4.8481



66.0260, 61.6122, 71.8912



21.9470, 20.7321, 23.7255

Inverse Universe

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



96.3070, -11.4904, 139.1738



82.8570, -12.2545, 150.9694



165.1270, -40.4886, -127.2764



119.2290, -0.6059, 7.6922



62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 101.2080, 75.8195, 88.3946 looks on a white background.

Color Contrast Check

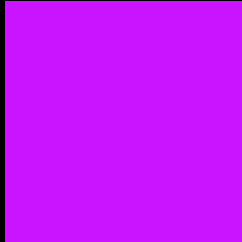
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2080, 75.8195, 88.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

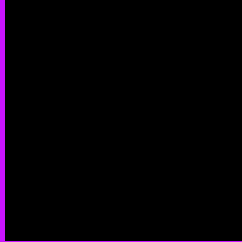
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.2080, 75.8195, 88.3946

Background



This preview shows how black text looks on a background with the YUV color 101.2080, 75.8195, 88.3946.



This preview shows how white text looks on a background with the YUV color 101.2080, 75.8195,

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

101.2080, 75.8195, 88.3946

Protanopia

99.9830, 75.9304, -87.6851

Deuteranopia

100.5580, 60.3639, -88.1894



Tritanopia

125.7180, -8.7350, 48.4823

Trichromacy



Original Color

101.2080, 75.8195, 88.3946



Protanomaly

100.0910, 75.8771, -23.7588



Deuteranomaly

100.8600, 66.1310, -24.4332



Tritanomaly

117.1290, 21.6284, 63.0309

Monochromacy



Original Color

101.2080, 75.8195, 88.3946



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

101.4240, 27.3990, 32.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2080, 75.8195, 88.3946 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(202, 20, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 20, 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(202, 20, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 20, 255) }
```

Border

The CSS property to change the border of an element to YUV 101.2080, 75.8195, 88.3946 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(202, 20, 255) }
```


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

```
.border{ border-color:rgb(202, 20, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 20, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 20, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 20, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 20,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 101.2080, 75.8195, 88.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 20, 255) }
```

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

```
.background{ background-color: rgb(202, 20,  
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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