

Converting Colors

YUV(99.8780, 76.4751,
111.4860)

Have a look what the booklet for
YUV(99.8780, 76.4751, 111.4860)
contains.

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Color

**YUV(99.8780, 76.4751,
111.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	E305FF
RGB	227, 5, 255
RGB Percent	89%, 2%, 100%
CMY	0.1098, 0.9804, 0.0000
CMYK	0.11, 0.98, 0.00, 0.00
HSL	293°, 100%, 51%
HSV	293°, 98%, 100%
XYZ	49.7828, 23.6594, 96.5506
YIQ	99.8780, 52.0620, 124.8140

Conversions

Conversions Part 2

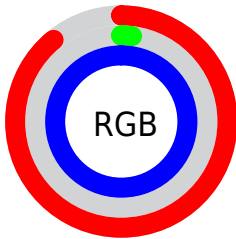
Format	Color
R_{YB}	227, 5, 255
Decimal	14878207
CIE _{Lab}	55.75, 93.80, -68.45
CIE _{LCh}	56, 116.114, 323.880
Yxy	23.6594, 0.2929, 0.1392
Android (android.graphics.Color)	4293068287 (0xFFE305FF)
YUV	99.8780, 76.4751, 111.4860
Hunter-Lab	48.6410, 97.5686, -83.6399

Details

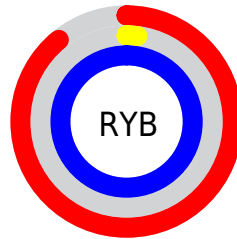
The YUV color **99.8780, 76.4751, 111.4860** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **160.1220, -76.4751, -111.4860**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **72.0920, 61.5796, 82.3573** is the 20% darker color. If you saturate the color by 10%, you get **96.6440, 78.0695, 113.4452**, and if you desaturate by 10%, it is **116.0370, 68.5088, 99.9456**.

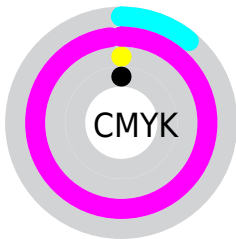
Distribution



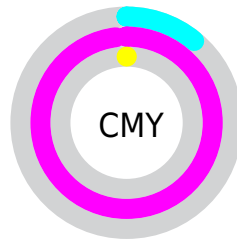
- Red (89%)
- Green (2%)
- Blue (100%)



- Red (89%)
- Yellow (2%)
- Blue (100%)



- Cyan (11%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.8780, 76.4751, 111.4860 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 99.8780, 76.4751, 111.4860 by changing the saturation by 10% instead.


 99.8780, 76.4751,
111.4860


 99.8780, 76.4751,
111.4860


255.0000, 0.0000,
0.0000


 84.3680, 69.8246,
97.9013


 164.6020, 44.5662,
79.2790


 72.0920, 61.5796,
82.3573


 183.3860, 35.3057,
62.8055

 59.9300, 53.7715,
66.7134


 201.5830, 26.3346,
46.8467

 47.8820, 46.4002,
50.9695

 219.7800, 17.3635,
30.8879

 35.8340, 39.0288,
35.2256

 237.9770, 8.3923,
14.9292

 24.0140, 32.5311,
19.2817

 8.3070, 27.9496,

-4.6542

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 99.8780, 76.4751,
111.4860

■ 99.8780, 76.4751,
111.4860

■ 96.6440, 78.0695,
113.4452

■ 116.0370, 68.5088,
99.9456

■ 131.6090, 60.8318,
88.9199

■ 147.7680, 52.8654,
77.3795

■ 163.0410, 45.3358,
65.7390

■ 179.2000, 37.3694,
54.1986

■ 194.7720, 29.6924,
43.1730

■ 210.9310, 21.7260,
31.6325

■ 226.5030, 14.0490,
20.6069

■ 242.6620, 6.0826,
9.0664

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



99.8780, 76.4751, 111.4860



94.3710, 31.8621, 140.8716

Triad

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



99.8780, 76.4751, 111.4860



126.0210, -62.1284, 47.3396



125.3600, 43.6995, -109.9407

Complementary

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



99.8780, 76.4751, 111.4860



160.1220, -76.4751, -111.4860

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.



111.6290, -1.2961, -97.8986



99.8780, 76.4751, 111.4860



112.5570, -55.4906, -28.5525

Square

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



99.8780, 76.4751, 111.4860



110.8560, -54.6520, 122.9063



96.2680, -47.4601, -84.4270



128.2730, 62.4764, -112.4954

Rectangle

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



99.8780, 76.4751, 111.4860



86.8470, 3.0334, 147.4702



96.2680, -47.4601, -84.4270



120.8970, 29.1378, -106.0267

Sweetspot

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



99.8780, 76.4751, 111.4860



209.1700, 22.5942, 33.1769



50.5230, 100.8072, -39.9237



100.0900, 13.7596, 20.0921



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.



99.8780, 76.4751, 111.4860



96.6440, 78.0695, 113.4452



97.3060, 30.4151, 138.2976



119.7710, 4.0569, 5.4628



72.6040, 58.3692, 85.4163



24.3390, 19.5529, 28.6437

Inverse Universe

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



82.9420, -24.6214, 150.8949



79.5510, -24.9216, 153.8688



162.6940, -30.4151, -138.2976



119.0010, -1.4795, 7.8921



59.5030, -18.9820, 115.3229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 99.8780, 76.4751, 111.4860 looks on a white background.

Color Contrast Check

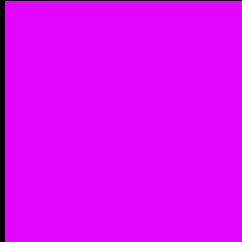
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.8780, 76.4751, 111.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

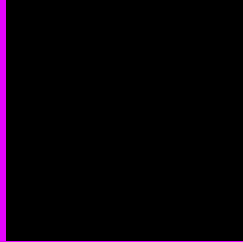
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.8780, 76.4751, 111.4860

Background



This preview shows how black text looks on a background with the YUV color 99.8780, 76.4751, 111.4860.



This preview shows how white text looks on a background with the YUV color 99.8780, 76.4751,

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

99.8780, 76.4751, 111.4860

Protanopia

124.5050, 64.3340, -54.8169

Deuteranopia

117.3470, 60.4679, -74.8493



Tritanopia

133.3890, -13.0098, 66.3108

Trichromacy



Original Color

99.8780, 76.4751, 111.4860



Protanomaly

115.4430, 68.8016, 5.7505



Deuteranomaly

110.9700, 66.0768, -6.9897



Tritanomaly

121.0930, 19.6742, 83.2334

Monochromacy



Original Color

99.8780, 76.4751, 111.4860



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.5930, 27.8087, 40.6989

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8780, 76.4751, 111.4860 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(227, 5, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 5, 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(227, 5, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 5, 255) }
```

Border

The CSS property to change the border of an element to YUV 99.8780, 76.4751, 111.4860 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(227, 5, 255) }
```


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

```
.border{ border-color:rgb(227, 5, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 5, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 5, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 5, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 5,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 99.8780, 76.4751, 111.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 5, 255) }
```

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

```
.background{ background-color: rgb(227, 5,  
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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