

Converting Colors

YUV(90.3930, 78.6863,
102.2643)

Have a look what the booklet for
YUV(90.3930, 78.6863, 102.2643)
contains.

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Color

**YUV(90.3930, 78.6863,
102.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	CF00FA
RGB	207, 0, 250
RGB Percent	81%, 0%, 98%
CMY	0.1882, 1.0000, 0.0196
CMYK	0.17, 1.00, 0.00, 0.02
HSL	290°, 100%, 49%
HSV	290°, 100%, 98%
XYZ	42.9874, 20.1675, 92.0695
YIQ	90.3930, 43.1220, 121.6340

Conversions

Conversions Part 2

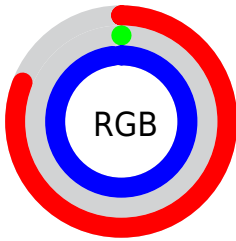
Format	Color
R_{YB}	207, 0, 250
Decimal	13566202
CIE _{Lab}	52.03, 90.58, -71.84
CIE _{LCh}	52, 115.612, 321.583
Yxy	20.1675, 0.2769, 0.1299
Android (android.graphics.Color)	4291756282 (0xFFCF00FA)
YUV	90.3930, 78.6863, 102.2643
Hunter-Lab	44.9083, 92.2757, -90.1187

Details

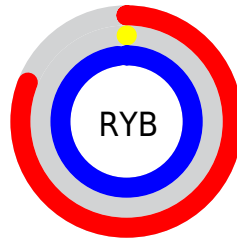
The YUV color **90.3930, 78.6863, 102.2643** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **159.6070, -78.6863, -102.2643**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **65.5420, 62.3438, 70.5617** is the 20% darker color. If you saturate the color by 10%, you get **90.3930, 78.6863, 102.2643**, and if you desaturate by 10%, it is **106.2640, 70.8618, 91.8535**.

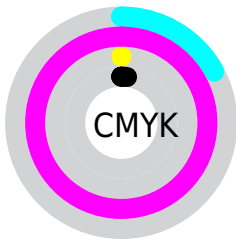
Distribution



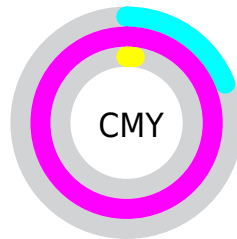
- Red (81%)
- Green (0%)
- Blue (98%)



- Red (81%)
- Yellow (0%)
- Blue (98%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (19%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.3930, 78.6863, 102.2643 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 90.3930, 78.6863, 102.2643 by changing the saturation by 10% instead.


 90.3930, 78.6863,
102.2643


 90.3930, 78.6863,
102.2643


255.0000, 0.0000,
0.0000


 78.1170, 70.4413,
86.7204


 161.6670, 46.0132,
81.8530


 65.5420, 62.3438,
70.5617


 180.4510, 36.7527,
65.3795


 53.3800, 54.5357,
54.9177


 198.6480, 27.7815,
49.4207

 41.3320, 47.1643,
39.1738

 216.2580, 19.0998,
33.9767

 29.3980, 40.2298,
23.3300

 233.8680, 10.4181,
18.5328

 14.7730, 34.6219,
1.9531

 252.0650, 1.4470,

 6.9540, 26.6447,

2.5740

-6.0987

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 90.3930, 78.6863,
102.2643

■ 106.2640, 70.8618,
91.8535

■ 122.4340, 62.8900,
82.0574

■ 138.3050, 55.0656,
71.6465

■ 154.1760, 47.2412,
61.2356

■ 170.0470, 39.4168,
50.8248

■ 186.2170, 31.4450,
41.0287

■ 202.0880, 23.6206,
30.6178

■ 217.9590, 15.7962,
20.2070

■ 234.1290, 7.8244,
10.4109

Harmonies

Analogous

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



95.4010, 78.6823, -83.6667



90.3930, 78.6863, 102.2643



94.1430, 30.9885, 141.0716

Triad

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



90.3930, 78.6863, 102.2643



117.1830, -57.7712, 49.8285



116.7370, 38.5837, -102.3783

Complementary

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



90.3930, 78.6863, 102.2643



159.6070, -78.6863, -102.2643

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.



103.2340, -5.5384, -90.5362



90.3930, 78.6863, 102.2643



105.8010, -52.1599, -23.5045

Square

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



90.3930, 78.6863, 102.2643



95.2510, -46.9587, 128.6989



89.8110, -44.2768, -78.7642



122.4030, 65.3703, -107.3474

Rectangle

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



90.3930, 78.6863, 102.2643



86.7330, 2.5966, 147.5702



89.8110, -44.2768, -78.7642



112.3880, 24.4587, -98.5643

Sweetspot

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



90.3930, 78.6863, 102.2643



206.5010, 23.9100, 31.1326



55.5020, 95.8875, -48.6753



98.6060, 14.4912, 18.7625



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.



90.3930, 78.6863, 102.2643



92.1590, 80.2806, 104.2236



94.2440, 37.8407, 136.5980



116.7710, 4.0569, 5.4628



68.1900, 59.5593, 77.0094



22.2030, 19.1269, 25.2550

Inverse Universe

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



79.6520, -18.0694, 149.3952



81.2610, -18.3697, 152.3691



155.7560, -37.8407, -136.5980



116.2290, -0.6059, 7.6922



60.1590, -13.8824, 112.9936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 90.3930, 78.6863, 102.2643 looks on a white background.

Color Contrast Check

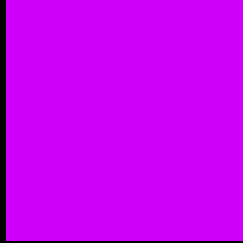
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3930, 78.6863, 102.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

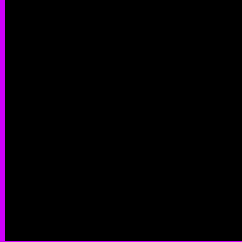
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 90.3930, 78.6863, 102.2643

Background



This preview shows how black text looks on a background with the YUV color 90.3930, 78.6863, 102.2643.

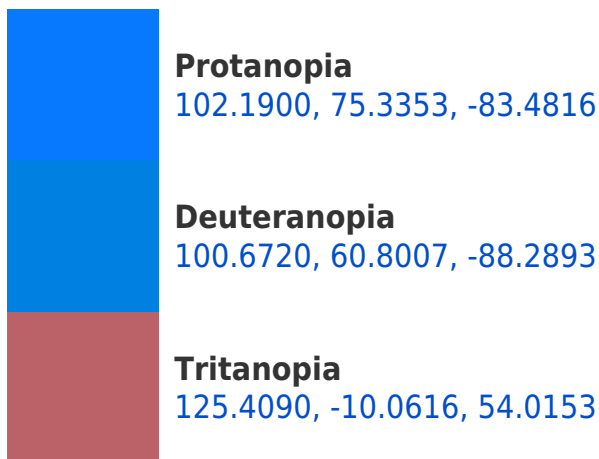


This preview shows how white text looks on a background with the YUV color 90.3930, 78.6863,

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



Trichromacy



Protanomaly

97.9610, 76.4342, -15.7518

Deuteranomaly

96.5340, 67.2777, -18.8853

Tritanomaly

112.4120, 22.4749, 71.5527

Monochromacy



Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0980, 28.5457, 37.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3930, 78.6863, 102.2643 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(207, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 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(207, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 250) }
```

Border

The CSS property to change the border of an element to YUV 90.3930, 78.6863, 102.2643 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(207, 0, 250) }
```

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

```
.border{ border-color:rgb(207, 0, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
250) }
```


Background

The CSS property to change the background color of an element to YUV 90.3930, 78.6863, 102.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 250) }
```

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

```
.background{ background-color: rgb(207, 0,  
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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