

Converting Colors

YUV(112.7590, 70.1248,
94.9274)

Have a look what the booklet for
YUV(112.7590, 70.1248, 94.9274)
contains.

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Color

**YUV(112.7590, 70.1248,
94.9274)**

Conversions

Conversions Part 1

Format	Color
Hex	DD1EFF
RGB	221, 30, 255
RGB Percent	87%, 12%, 100%
CMY	0.1333, 0.8824, 0.0000
CMYK	0.13, 0.88, 0.00, 0.00
HSL	291°, 100%, 56%
HSV	291°, 88%, 100%
XYZ	48.3331, 23.5207, 96.6003
YIQ	112.7590, 41.6110, 110.4670

Conversions

Conversions Part 2

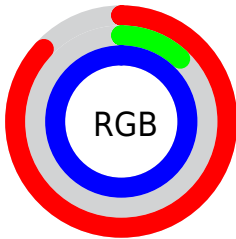
Format	Color
R _Y B	221, 30, 255
Decimal	14491391
CIE Lab	55.60, 90.45, -68.72
CIE LCh	56, 113.595, 322.774
Yxy	23.5207, 0.2869, 0.1396
Android (android.graphics.Color)	4292681471 (0xFFDD1EFF)
YUV	112.7590, 70.1248, 94.9274
Hunter-Lab	48.4981, 93.0207, -84.1471

Details

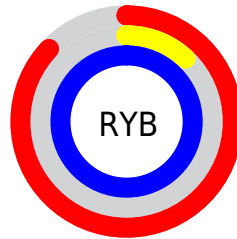
The YUV color **112.7590, 70.1248, 94.9274** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **172.2410, -70.1248, -94.9274**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **70.2980, 62.4641, 78.6687** is the 20% darker color. If you saturate the color by 10%, you get **96.8880, 77.9492, 105.3382**, and if you desaturate by 10%, it is **129.2170, 62.0110, 84.0017**.

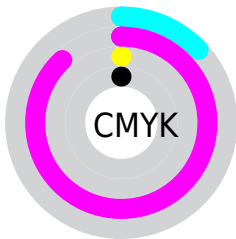
Distribution



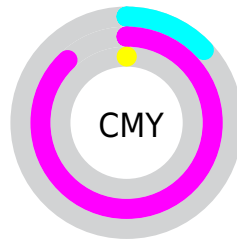
- Red (87%)
- Green (12%)
- Blue (100%)



- Red (87%)
- Yellow (12%)
- Blue (100%)



- Cyan (13%)
- Magenta (88%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (88%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.7590, 70.1248, 94.9274 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 112.7590, 70.1248, 94.9274 by changing the saturation by 10% instead.


 112.7590, 70.1248,
94.9274


 112.7590, 70.1248,
94.9274


255.0000, 0.0000,
0.0000


 82.8730, 70.5616,
94.8274


 168.1240, 42.8299,
76.1903


 70.2980, 62.4641,
78.6687


 186.3210, 33.8587,
60.2315

 58.1360, 54.6560,
63.0247


 204.5180, 24.8876,
44.2727

 46.3870, 47.1372,
47.8956

 222.1280, 16.2059,
28.8287

 34.3390, 39.7659,
32.1517

 240.3250, 7.2348,
12.8700

 22.2200, 33.4155,
15.5931

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 112.7590, 70.1248,
94.9274

■ 112.7590, 70.1248,
94.9274

■ 96.8880, 77.9492,
105.3382

■ 129.2170, 62.0110,
84.0017

■ 93.6540, 79.5436,
107.2974

■ 145.0880, 54.1866,
73.5908

■ 160.9590, 46.3622,
63.1800

■ 177.1180, 38.3958,
51.6395

■ 193.5760, 30.2820,
40.7138

■ 209.4470, 22.4576,
30.3030

■ 225.9050, 14.3438,
19.3773

■ 241.7760, 6.5194,
8.9664

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



112.7590, 70.1248, 94.9274



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.



112.7590, 70.1248, 94.9274



126.0320, -62.1338, 49.0839



124.0890, 41.3681, -108.8261

Complementary

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



112.7590, 70.1248, 94.9274



172.2410, -70.1248, -94.9274

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.



110.5860, -2.7539, -96.9839



112.7590, 70.1248, 94.9274



114.0630, -56.2331, -23.7343

Square

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



112.7590, 70.1248, 94.9274



110.2690, -54.3626, 123.4211



95.6810, -47.1707, -83.9122



128.2730, 62.4764, -112.4954

Rectangle

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



112.7590, 70.1248, 94.9274



87.3030, 4.7806, 147.0703



95.6810, -47.1707, -83.9122



119.7400, 27.2432, -105.0120

Sweetspot

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



112.7590, 70.1248, 94.9274



213.2680, 20.5739, 27.8290



77.9560, 87.2827, -42.0574



102.7260, 12.4601, 16.9033



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.



112.7590, 70.1248, 94.9274



93.6540, 79.5436, 107.2974



114.3750, 32.3531, 123.3281



119.7710, 4.0569, 5.4628



70.2120, 59.5485, 80.4981



23.4420, 19.9951, 26.7994

Inverse Universe

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



101.1510, -18.3154, 134.9256



80.6910, -20.5537, 152.8690



170.6250, -32.3531, -123.3281



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 112.7590, 70.1248, 94.9274 looks on a white background.

Color Contrast Check

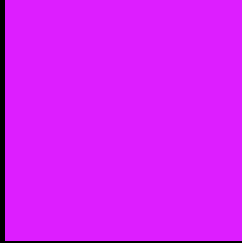
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7590, 70.1248, 94.9274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

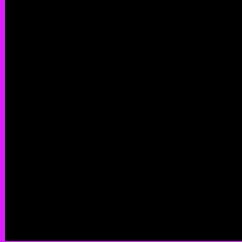
Any Text WCAG AA ✓ Pass

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 112.7590, 70.1248, 94.9274 Background



This preview shows how black text looks on a background with the YUV color 112.7590, 70.1248, 94.9274.



This preview shows how white text looks on a background with the YUV color 112.7590, 70.1248, 94.9274.

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

112.7590, 70.1248, 94.9274

Protanopia

123.0210, 65.0656, -56.1464

Deuteranopia

112.2750, 62.9684, -83.5562



Tritanopia

133.3990, -11.5357, 60.1631

Trichromacy



Original Color

112.7590, 70.1248, 94.9274



Protanomaly

119.5300, 66.7867, -1.3418



Deuteranomaly

112.0780, 65.5305, -18.4854



Tritanomaly

125.6850, 18.3963, 73.0673

Monochromacy



Original Color

112.7590, 70.1248, 94.9274



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.9790, 25.6464, 34.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7590, 70.1248, 94.9274 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(221, 30, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 30, 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(221, 30, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 30, 255) }
```

Border

The CSS property to change the border of an element to YUV 112.7590, 70.1248, 94.9274 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(221, 30, 255) }
```


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

```
.border{ border-color:rgb(221, 30, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 30, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 30, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 30, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 30,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 112.7590, 70.1248, 94.9274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 30, 255) }
```

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

```
.background{ background-color: rgb(221, 30,  
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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