

Converting Colors

YUV(120.1870, 61.0398,
115.6000)

Have a look what the booklet for
YUV(120.1870, 61.0398, 115.6000)
contains.

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Color

**YUV(120.1870, 61.0398,
115.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1DF4
RGB	252, 29, 244
RGB Percent	99%, 11%, 96%
CMY	0.0118, 0.8863, 0.0431
CMYK	0.00, 0.88, 0.03, 0.01
HSL	302°, 97%, 55%
HSV	302°, 88%, 99%
XYZ	56.9134, 28.1058, 88.0132
YIQ	120.1870, 63.8930, 114.1410

Conversions

Conversions Part 2

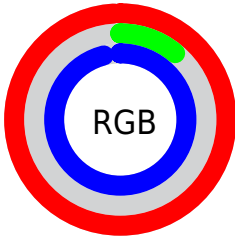
Format	Color
R _Y B	252, 29, 244
Decimal	16522740
CIE Lab	59.98, 93.91, -55.30
CIE LCh	60, 108.986, 329.510
Yxy	28.1058, 0.3289, 0.1624
Android (android.graphics.Color)	4294712820 (0xFFFC1DF4)
YUV	120.1870, 61.0398, 115.6000
Hunter-Lab	53.0149, 98.8499, -61.3204

Details

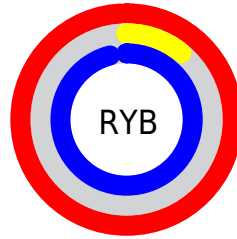
The YUV color **120.1870, 61.0398, 115.6000** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **160.8130, -61.0398, -115.6000**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4720, 41.6723, 74.1311**, and **78.4270, 53.5265, 98.7265** is the 20% darker color. If you saturate the color by 10%, you get **105.3980, 67.8378, 128.5700**, and if you desaturate by 10%, it is **134.9760, 54.2418, 102.6300**.

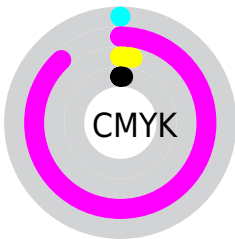
Distribution



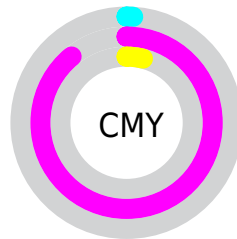
- Red (99%)
- Green (11%)
- Blue (96%)



- Red (99%)
- Yellow (11%)
- Blue (96%)



- Cyan (0%)
- Magenta (88%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (89%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.1870, 61.0398, 115.6000 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 120.1870, 61.0398, 115.6000 by changing the saturation by 10% instead.

 120.1870, 61.0398,
115.6000


 120.1870, 61.0398,
115.6000


255.0000, 0.0000,
0.0000


 90.5890, 61.3346,
114.3704


 170.4720, 41.6723,
74.1311


 78.4270, 53.5265,
98.7265


 189.2560, 32.4118,
57.6575

 65.9660, 45.8658,
82.4678


 208.0400, 23.1513,
41.1839

 54.0320, 38.9312,
66.6239

 225.6500, 14.4696,
25.7400

 42.3970, 31.8493,
51.3948

 243.8470, 5.4984,
9.7812

 31.4740, 24.9093,
37.2953

 19.0560, 18.7064,

20.1219

■ 3.8760, 14.8511,
-3.3993

■ 1.0260, 3.9312,
-0.8998

■ 120.1870, 61.0398,
115.6000

■ 120.1870, 61.0398,
115.6000

■ 105.3980, 67.8378,
128.5700

■ 134.9760, 54.2418,
102.6300

■ 103.0500, 68.9953,
130.6291

■ 149.7650, 47.4439,
89.6601

■ 165.1410, 40.3565,
76.1753

■ 179.9300, 33.5585,
63.2054

194.7190, 26.7605,
50.2354

209.3940, 19.5258,
37.3655

224.1830, 12.7278,
24.3955

239.5590, 5.6404,
10.9108

253.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



131.2150, 61.0260, -20.3596



120.1870, 61.0398, 115.6000



93.4590, 28.3677, 141.6715

Triad

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



120.1870, 61.0398, 115.6000



135.6900, -66.8952, 36.2289



133.9660, 51.2888, -117.4882

Complementary

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



120.1870, 61.0398, 115.6000



160.8130, -61.0398, -115.6000

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.



122.2070, 8.7719, -107.1755



120.1870, 61.0398, 115.6000



119.2800, -58.8050, -38.8336

Square

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



120.1870, 61.0398, 115.6000



130.2160, -64.1965, 104.1736



106.2760, -39.5761, -93.2041



133.5560, 59.8719, -117.1286

Rectangle

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



120.1870, 61.0398, 115.6000



86.2770, 0.8494, 147.9701



106.2760, -39.5761, -93.2041



130.4320, 37.7480, -114.3889

Sweetspot

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



120.1870, 61.0398, 115.6000



214.2690, 19.0944, 35.7211



56.5150, 96.3741, -17.9917



103.7050, 10.9914, 21.3067



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.



120.1870, 61.0398, 115.6000



104.2890, 69.8635, 132.1735



107.5330, 12.5552, 126.6976



117.3690, 3.7621, 6.6924



77.2590, 51.6373, 97.9969



24.9650, 16.7793, 31.6027

Inverse Universe

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



120.1870, 61.0398, 115.6000



104.2890, 69.8635, 132.1735



173.4670, -12.5552, -126.6976



117.3690, 3.7621, 6.6924



77.2590, 51.6373, 97.9969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 120.1870, 61.0398, 115.6000 looks on a white background.

Color Contrast Check

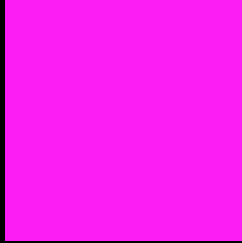
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1870, 61.0398, 115.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

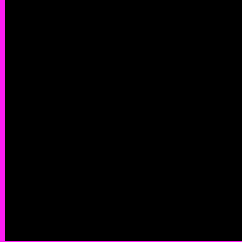
Any Text WCAG AA ✓ Pass

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 120.1870, 61.0398, 115.6000 Background



This preview shows how black text looks on a background with the YUV color 120.1870, 61.0398, 115.6000.



This preview shows how white text looks on a background with the YUV color 120.1870, 61.0398, 115.6000.

115.6000.

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

120.1870, 61.0398, 115.6000

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

140.3380, 44.2034, -38.0074



Tritanopia

140.3590, -17.4320, 84.7542

Trichromacy



Original Color

120.1870, 61.0398, 115.6000



Protanomaly

131.8650, 58.7336, 15.0274



Deuteranomaly

132.9980, 50.2870, 17.5418



Tritanomaly

132.9930, 11.3425, 95.5991

Monochromacy



Original Color

120.1870, 61.0398, 115.6000



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.1110, 22.1303, 41.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1870, 61.0398, 115.6000 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(252, 29, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 29, 244)  
}
```

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(252, 29, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 29, 244) }
```

Border

The CSS property to change the border of an element to YUV 120.1870, 61.0398, 115.6000 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(252, 29, 244) }
```


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

```
.border{ border-color:rgb(252, 29, 244) }
```

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

Here you see how a box with a 4 pixel rgb(252, 29, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 29, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 29, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 29,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 120.1870, 61.0398, 115.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 29, 244) }
```

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

```
.background{ background-color: rgb(252, 29,  
244) }
```

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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