

Converting Colors

YUV(127.0230, 63.0927,
110.4818)

Have a look what the booklet for
YUV(127.0230, 63.0927, 110.4818)
contains.

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Color

**YUV(127.0230, 63.0927,
110.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	FD26FF
RGB	253, 38, 255
RGB Percent	99%, 15%, 100%
CMY	0.0078, 0.8510, 0.0000
CMYK	0.01, 0.85, 0.00, 0.00
HSL	299°, 100%, 57%
HSV	299°, 85%, 100%
XYZ	59.2511, 29.4889, 97.1768
YIQ	127.0230, 58.4830, 113.0670

Conversions

Conversions Part 2

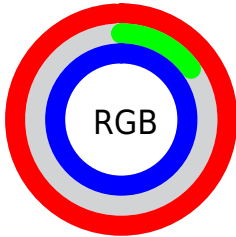
Format	Color
R _Y B	253, 38, 255
Decimal	16590591
CIE Lab	61.21, 94.32, -59.44
CIE LCh	61, 111.487, 327.783
Yxy	29.4889, 0.3187, 0.1586
Android (android.graphics.Color)	4294780671 (0xFFFD26FF)
YUV	127.0230, 63.0927, 110.4818
Hunter-Lab	54.3037, 99.7313, -68.0873

Details

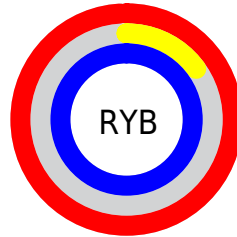
The YUV color **127.0230, 63.0927, 110.4818** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **165.9770, -63.0927, -110.4818**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4070, 40.2253, 71.5571**, and **79.5670, 57.8945, 97.7267** is the 20% darker color. If you saturate the color by 10%, you get **112.3480, 70.3274, 123.3518**, and if you desaturate by 10%, it is **142.2850, 55.5685, 97.0971**.

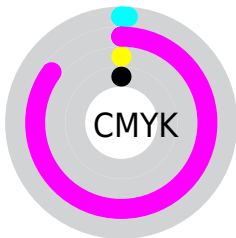
Distribution



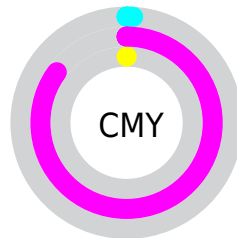
- Red (99%)
- Green (15%)
- Blue (100%)



- Red (99%)
- Yellow (15%)
- Blue (100%)



- Cyan (1%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.0230, 63.0927, 110.4818 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 127.0230, 63.0927, 110.4818 by changing the saturation by 10% instead.


 127.0230, 63.0927,
110.4818


 127.0230, 63.0927,
110.4818


255.0000, 0.0000,
0.0000


 92.1420, 65.9920,
113.8855

 173.4070, 40.2253,
71.5571


 79.5670, 57.8945,
97.7267


 192.1910, 30.9648,
55.0835


 67.4050, 50.0863,
82.0828

 210.3880, 21.9937,
39.1247

 55.3570, 42.7150,
66.3389

 227.9980, 13.3120,
23.6808

 43.7220, 35.6331,
51.1098

 246.1950, 4.3409,
7.7220

 32.5000, 28.8405,
36.3955

 20.0820, 22.6376,

19.2221

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 127.0230, 63.0927,
110.4818

■ 127.0230, 63.0927,
110.4818

■ 112.3480, 70.3274,
123.3518

■ 142.2850, 55.5685,
97.0971

■ 104.7170, 74.0895,
130.0442

■ 156.9600, 48.3337,
84.2271

■ 172.5210, 40.6621,
71.4571

■ 187.1960, 33.4274,
58.5871

202.4580, 25.9032,
45.2023

217.1330, 18.6684,
32.3324

232.6940, 10.9969,
19.5624

247.3690, 3.7621,
6.6924

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.



129.6540, 61.7956, -33.8996



127.0230, 63.0927, 110.4818



94.4850, 32.2989, 140.7717

Triad

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



127.0230, 63.0927, 110.4818



138.9680, -68.5112, 41.2471



136.9010, 49.8418, -120.0622

Complementary

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



127.0230, 63.0927, 110.4818



165.9770, -63.0927, -110.4818

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.



124.2130, 6.3040, -108.9348



127.0230, 63.0927, 110.4818



124.0310, -61.1473, -34.2302

Square

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



127.0230, 63.0927, 110.4818



130.8360, -64.5021, 108.8918



106.8000, -47.7224, -93.6636



135.9040, 58.7143, -119.1878

Rectangle

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



127.0230, 63.0927, 110.4818



87.0750, 3.9070, 147.2702



106.8000, -47.7224, -93.6636



132.6660, 36.1537, -116.3481

Sweetspot

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



127.0230, 63.0927, 110.4818



215.9590, 19.2472, 33.3620



65.0860, 93.6276, -23.7544



104.2210, 11.7230, 19.9772



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.



127.0230, 63.0927, 110.4818



104.7170, 74.0895, 130.0442



115.6510, 16.9341, 122.2091



120.0700, 3.9095, 6.0776



78.2850, 55.5685, 97.0971



26.1330, 18.6684, 32.3324

Inverse Universe

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



103.1110, -31.1137, 133.2067



76.4730, -36.7152, 156.5682



177.3490, -16.9341, -122.2091



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 127.0230, 63.0927, 110.4818 looks on a white background.

Color Contrast Check

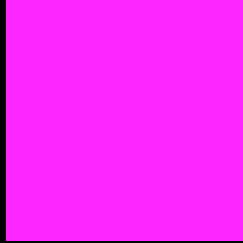
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0230, 63.0927, 110.4818 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 127.0230, 63.0927, 110.4818 Background



This preview shows how black text looks on a background with the YUV color 127.0230, 63.0927, 110.4818.



This preview shows how white text looks on a background with the YUV color 127.0230, 63.0927, 110.4818.

110.4818.

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

127.0230, 63.0927, 110.4818

Protanopia

142.8890, 55.2707, -41.1217

Deuteranopia

141.4450, 48.5876, -44.2403



Tritanopia

145.2660, -16.4001, 80.4507

Trichromacy



Original Color

127.0230, 63.0927, 110.4818

Protanomaly

137.0390, 58.1548, 13.9978

Deuteranomaly

136.1760, 53.6502, 12.1236

Tritanomaly

138.9000, 12.3743, 91.2957

Monochromacy



Original Color

127.0230, 63.0927, 110.4818

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3280, 23.0093, 40.0543

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0230, 63.0927, 110.4818 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(253, 38, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 38, 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(253, 38, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 38, 255) }
```

Border

The CSS property to change the border of an element to YUV 127.0230, 63.0927, 110.4818 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(253, 38, 255) }
```


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

```
.border{ border-color:rgb(253, 38, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 38, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 38, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 38, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 38,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 127.0230, 63.0927, 110.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 38, 255) }
```

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

```
.background{ background-color: rgb(253, 38,  
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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