

Converting Colors

YUV(127.0410, 55.6888,
105.2040)

Have a look what the booklet for
YUV(127.0410, 55.6888, 105.2040)
contains.

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Color

**YUV(127.0410, 55.6888,
105.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	F72CF0
RGB	247, 44, 240
RGB Percent	97%, 17%, 94%
CMY	0.0314, 0.8275, 0.0588
CMYK	0.00, 0.82, 0.03, 0.03
HSL	302°, 93%, 57%
HSV	302°, 82%, 97%
XYZ	54.9866, 27.8668, 84.9188
YIQ	127.0410, 58.0720, 103.9920

Conversions

Conversions Part 2

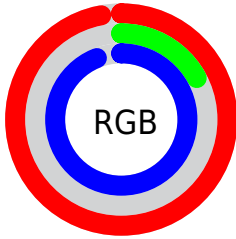
Format	Color
R _Y B	247, 44, 240
Decimal	16198896
CIE Lab	59.77, 90.04, -53.46
CIE LCh	60, 104.712, 329.299
Yxy	27.8668, 0.3277, 0.1661
Android (android.graphics.Color)	4294388976 (0xFFFF72CF0)
YUV	127.0410, 55.6888, 105.2040
Hunter-Lab	52.7890, 93.5503, -58.4243

Details

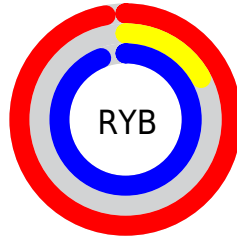
The YUV color **127.0410, 55.6888, 105.2040** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **163.9590, -55.6888, -105.2040**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9940, 39.9360, 71.0423**, and **76.4760, 52.5163, 96.0525** is the 20% darker color. If you saturate the color by 10%, you get **112.2520, 62.4868, 118.1740**, and if you desaturate by 10%, it is **141.8300, 48.8908, 92.2341**.

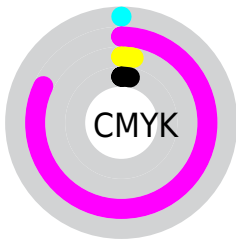
Distribution



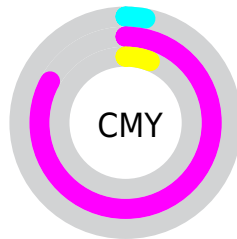
- Red (97%)
- Green (17%)
- Blue (94%)



- Red (97%)
- Yellow (17%)
- Blue (94%)



- Cyan (0%)
- Magenta (82%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (83%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.0410, 55.6888, 105.2040 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 127.0410, 55.6888, 105.2040 by changing the saturation by 10% instead.


 127.0410, 55.6888,
105.2040


 127.0410, 55.6888,
105.2040


255.0000, 0.0000,
0.0000


 88.6380, 60.3245,
111.6965


 173.9940, 39.9360,
71.0423


 76.4760, 52.5163,
96.0525


 192.1910, 30.9648,
55.0835


 64.4280, 45.1450,
80.3086


 210.3880, 21.9937,
39.1247

 52.3800, 37.7737,
64.5647

 228.5850, 13.0226,
23.1660

 40.7450, 30.6917,
49.3356

 246.1950, 4.3409,
7.7220

 29.8220, 23.7518,
35.2361

 17.8170, 17.8382,

18.5775

■ 3.6480, 13.9775,
-3.1993

■ 0.3420, 1.3104,
-0.2999

■ 127.0410, 55.6888,
105.2040

■ 127.0410, 55.6888,
105.2040

■ 112.2520, 62.4868,
118.1740

■ 141.8300, 48.8908,
92.2341

■ 100.9850, 67.5484,
128.0552

■ 156.0320, 42.3822,
79.7789

■ 170.8210, 35.5842,
66.8090

■ 185.4960, 28.3495,
53.9390

199.6980, 21.8409,
41.4839

214.4870, 15.0429,
28.5139

229.2760, 8.2449,
15.5439

244.0650, 1.4470,
2.5740

251.8100, -1.8783,
-4.2184

Harmonies

Analogous

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



132.6990, 60.2944, -19.0300



127.0410, 55.6888, 105.2040



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.



127.0410, 55.6888, 105.2040



135.1030, -66.6058, 36.7437



132.8090, 49.3942, -116.4735

Complementary

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



127.0410, 55.6888, 105.2040



163.9590, -55.6888, -105.2040

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.



121.5060, 8.6245, -106.5608



127.0410, 55.6888, 105.2040



120.4870, -59.4001, -34.6301

Square

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



127.0410, 55.6888, 105.2040



130.4930, -64.3330, 101.2996



106.4870, -36.2291, -93.3891



132.3820, 60.4507, -116.0990

Rectangle

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



127.0410, 55.6888, 105.2040



86.5050, 1.7230, 147.7701



106.4870, -36.2291, -93.3891



129.3890, 36.2902, -113.4742

Sweetspot

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



127.0410, 55.6888, 105.2040



217.2040, 17.6474, 33.1471



69.2350, 87.6381, -15.9921



104.8790, 10.4127, 20.2771



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.



127.0410, 55.6888, 105.2040



106.0500, 68.9954, 130.6292



115.5270, 11.5722, 115.3018



114.9560, 3.4727, 6.1776



76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731

Inverse Universe

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



127.0410, 55.6888, 105.2040



106.0500, 68.9954, 130.6292



175.4730, -11.5722, -115.3018



114.9560, 3.4727, 6.1776



76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 127.0410, 55.6888, 105.2040 looks on a white background.

Color Contrast Check

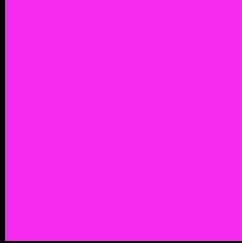
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0410, 55.6888, 105.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

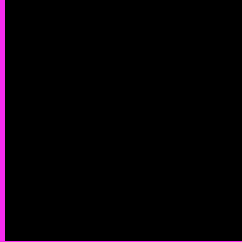
Any Text WCAG AA ✓ Pass

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 127.0410, 55.6888, 105.2040 Background



This preview shows how black text looks on a background with the YUV color 127.0410, 55.6888, 105.2040.



This preview shows how white text looks on a background with the YUV color 127.0410, 55.6888, 105.2040.

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

127.0410, 55.6888, 105.2040

Protanopia

138.4480, 57.4601, -43.3659

Deuteranopia

139.8930, 42.4508, -35.8632



Tritanopia

141.1520, -16.8369, 80.5507

Trichromacy



Original Color

127.0410, 55.6888, 105.2040



Protanomaly

134.3760, 57.0026, 10.1942



Deuteranomaly

135.4770, 47.0928, 15.3677



Tritanomaly

135.7920, 9.4695, 89.6364

Monochromacy



Original Color

127.0410, 55.6888, 105.2040



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

127.2200, 20.1045, 38.3951

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0410, 55.6888, 105.2040 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(247, 44, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 44, 240)  
}
```

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(247, 44, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 44, 240) }
```

Border

The CSS property to change the border of an element to YUV 127.0410, 55.6888, 105.2040 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(247, 44, 240) }
```


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

```
.border{ border-color:rgb(247, 44, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 44, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 44, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 44, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 44,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 127.0410, 55.6888, 105.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 44, 240) }
```

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

```
.background{ background-color: rgb(247, 44,  
240) }
```

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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