

Converting Colors

YUV(127.8720, 18.3041,
102.7213)

Have a look what the booklet for
YUV(127.8720, 18.3041, 102.7213)
contains.

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Color

**YUV(127.8720, 18.3041,
102.7213)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F53DA5 |
| RGB | 245, 61, 165 |
| RGB Percent | 96%, 24%, 65% |
| CMY | 0.0392, 0.7608, 0.3529 |
| CMYK | 0.00, 0.75, 0.33, 0.04 |
| HSL | 326°, 90%, 60% |
| HSV | 326°, 75%, 96% |
| XYZ | 46.1165, 25.4666, 38.0822 |
| YIQ | 127.8720, 76.2800, 71.3520 |

Conversions

Conversions Part 2

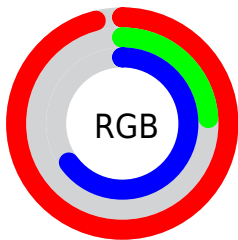
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 61, 165 |
| Decimal | 16072101 |
| CIE Lab | 57.53, 75.97, -14.14 |
| CIE LCh | 58, 77.272, 349.455 |
| Yxy | 25.4666, 0.4205, 0.2322 |
| Android (android.graphics.Color) | 4294262181 (0xFFFF53DA5) |
| YUV | 127.8720, 18.3041, 102.7213 |
| Hunter-Lab | 50.4644, 74.8079, -9.4172 |

Details

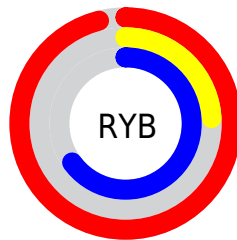
The YUV color **127.8720, 18.3041, 102.7213** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **178.1280, -18.3041, -102.7213**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7000, 22.3329, 70.4231**, and **67.8980, 22.2353, 101.8215** is the 20% darker color. If you saturate the color by 10%, you get **111.9430, 20.7341, 116.6910**, and if you desaturate by 10%, it is **143.8010, 15.8741, 88.7515**.

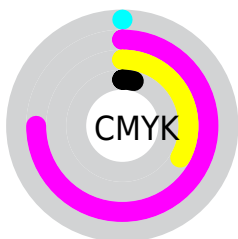
Distribution



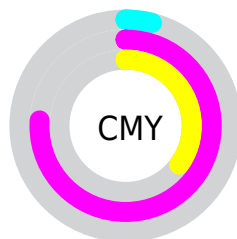
- Red (96%)
- Green (24%)
- Blue (65%)



- Red (96%)
- Yellow (24%)
- Blue (65%)



- Cyan (0%)
- Magenta (75%)
- Yellow (33%)
- Black (4%)




- Cyan (4%)
- Magenta (76%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.8720, 18.3041, 102.7213 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 127.8720, 18.3041, 102.7213 by changing the saturation by 10% instead.


 127.8720, 18.3041,
102.7213


 127.8720, 18.3041,
102.7213


255.0000, 0.0000,
0.0000


 86.2890, 25.9865,
112.0025


 174.7000, 22.3329,
70.4231


 67.8980, 22.2353,
101.8215

 195.0290, 26.6077,
52.5946

 56.1920, 16.1743,
85.7776


 213.3230, 20.5468,
36.5507


 44.4860, 10.1134,
69.7338

 230.9330, 11.8650,
21.1068

 33.3070, 4.7786,
54.1048

 248.5430, 3.1833,
5.6628

 22.6550, 0.1701,
38.8906

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 127.8720, 18.3041,
102.7213

■ 127.8720, 18.3041,
102.7213

■ 111.9430, 20.7341,
116.6910

■ 143.8010, 15.8741,
88.7515

■ 96.7150, 23.3115,
130.0459

■ 159.0290, 13.2967,
75.3966

■ 88.9870, 24.1634,
136.8234

■ 174.3710, 11.1561,
61.9416

■ 190.3000, 8.7261,
47.9719

■ 205.5280, 6.1487,
34.6169

■ 221.4570, 3.7187,
20.6472

■ 237.3860, 1.2887,
6.6775

■ 251.4400, -0.7099,
-5.6479

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



140.8230, 42.4853, 46.6362



127.8720, 18.3041, 102.7213



123.2240, -12.4354, 115.5676

Triad

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



127.8720, 18.3041, 102.7213



124.2510, -61.2557, 0.6569



124.2150, 57.0820, -108.9366

Complementary

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



127.8720, 18.3041, 102.7213



178.1280, -18.3041, -102.7213

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.



119.2500, 30.4428, -104.5823



127.8720, 18.3041, 102.7213



100.7580, -30.4467, -81.3488

Square

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



127.8720, 18.3041, 102.7213



130.1630, -64.1704, 48.9690



110.0960, 0.4457, -96.5542



118.8810, 67.1067, -104.2586

Rectangle

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



127.8720, 18.3041, 102.7213



127.6480, -35.8155, 101.1637



110.0960, 0.4457, -96.5542



122.8640, 49.3670, -107.7517

Sweetspot

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



127.8720, 18.3041, 102.7213



217.4030, 5.7173, 32.9726



105.8960, 68.5783, 30.7862



105.0440, 3.4293, 20.1324



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.



127.8720, 18.3041, 102.7213



108.5900, 22.8801, 128.4016



117.3840, -21.8813, 111.9192



114.3860, 1.2887, 6.6775



67.5840, 18.4461, 103.8508



21.4030, 5.7173, 32.9726

Inverse Universe

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



127.8720, 18.3041, 102.7213



108.5900, 22.8801, 128.4016



188.6160, 21.8813, -111.9192



114.3860, 1.2887, 6.6775



67.5840, 18.4461, 103.8508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 127.8720, 18.3041, 102.7213 looks on a white background.

Color Contrast Check

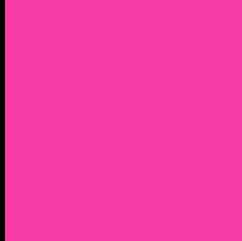
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8720, 18.3041, 102.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

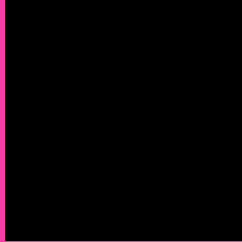
Any Text WCAG AA ✓ Pass

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 127.8720, 18.3041, 102.7213 Background



This preview shows how black text looks on a background with the YUV color 127.8720, 18.3041, 102.7213.



This preview shows how white text looks on a background with the YUV color 127.8720, 18.3041,

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

127.8720, 18.3041, 102.7213

Protanopia

136.9760, 39.9448, -25.4120

Deuteranopia

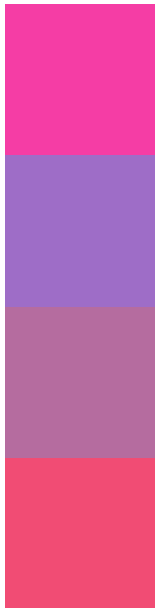
139.9710, 7.4093, 3.5334



Tritanopia

130.8010, -21.1009, 94.8905

Trichromacy



Original Color

127.8720, 18.3041, 102.7213

Protanomaly

133.9110, 32.0889, 21.1261

Deuteranomaly

135.6410, 11.5160, 39.7798

Tritanomaly

129.8950, -6.8502, 97.4391

Monochromacy



Original Color

127.8720, 18.3041, 102.7213

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2510, 6.2853, 37.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8720, 18.3041, 102.7213 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(245, 61, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 165)  
}
```

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(245, 61, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 165) }
```

Border

The CSS property to change the border of an element to YUV 127.8720, 18.3041, 102.7213 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(245, 61, 165) }
```


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

```
.border{ border-color:rgb(245, 61, 165) }
```

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

Here you see how a box with a 4 pixel rgb(245, 61, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 127.8720, 18.3041, 102.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 165) }
```

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

```
.background{ background-color: rgb(245, 61,  
165) }
```

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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