

Converting Colors

YUV(100.5560, 27.8269,
128.4314)

Have a look what the booklet for
YUV(100.5560, 27.8269, 128.4314)
contains.

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Color

**YUV(100.5560, 27.8269,
128.4314)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F70F9D |
| RGB | 247, 15, 157 |
| RGB Percent | 97%, 6%, 62% |
| CMY | 0.0314, 0.9412, 0.3843 |
| CMYK | 0.00, 0.94, 0.36, 0.03 |
| HSL | 323°, 94%, 51% |
| HSV | 323°, 94%, 97% |
| XYZ | 44.6144, 22.5501, 33.8995 |
| YIQ | 100.5560, 92.6900, 93.3460 |

Conversions

Conversions Part 2

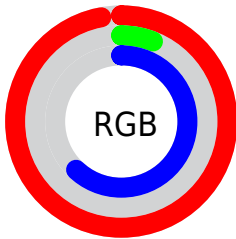
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 247, 15, 157 |
| Decimal | 16191389 |
| CIE _{Lab} | 54.61, 84.25, -13.82 |
| CIE _{LCh} | 55, 85.372, 350.685 |
| Yxy | 22.5501, 0.4414, 0.2231 |
| Android (android.graphics.Color) | 4294381469 (0xFFFF70F9D) |
| YUV | 100.5560, 27.8269, 128.4314 |
| Hunter-Lab | 47.4870, 84.6000, -9.0844 |

Details

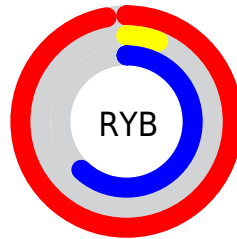
The YUV color **100.5560, 27.8269, 128.4314** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **161.4440, -27.8269, -128.4314**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2870, 25.4945, 83.0633**, and **67.3990, 19.0303, 103.1361** is the 20% darker color. If you saturate the color by 10%, you get **91.0670, 29.5470, 136.7532**, and if you desaturate by 10%, it is **116.3710, 24.9601, 114.5616**.

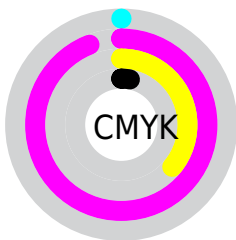
Distribution



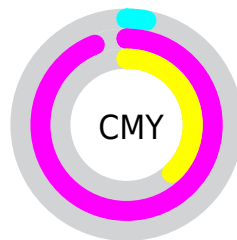
- Red (97%)
- Green (6%)
- Blue (62%)



- Red (97%)
- Yellow (6%)
- Blue (62%)



- Cyan (0%)
- Magenta (94%)
- Yellow (36%)
- Black (3%)




- Cyan (3%)
- Magenta (94%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.5560, 27.8269, 128.4314 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 100.5560, 27.8269, 128.4314 by changing the saturation by 10% instead.


 100.5560, 27.8269,
128.4314


 100.5560, 27.8269,
128.4314


255.0000, 0.0000,
0.0000


 79.5180, 25.3806,
119.6947


 160.2870, 25.4945,
83.0633


 67.3990, 19.0303,
103.1361

 182.2630, 28.4643,
63.7903

 55.3940, 13.1168,
86.4775


 201.5830, 26.3346,
46.8467

 43.6880, 7.0558,
70.4336

 219.7800, 17.3635,
30.8879

 32.3240, 2.3053,
54.0899

 237.9770, 8.3923,
14.9292

 21.0310, -3.4663,
38.5608

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 100.5560, 27.8269,
128.4314

■ 100.5560, 27.8269,
128.4314

■ 91.0670, 29.5470,
136.7532

■ 116.3710, 24.9601,
114.5616

■ 131.4850, 21.9459,
101.3067

■ 147.3000, 19.0791,
87.4369

■ 163.0010, 15.7755,
73.6671

■ 178.8160, 12.9087,
59.7974

■ 193.9300, 9.8945,
46.5424

■ 209.7450, 7.0277,
32.6726

■ 225.5600, 4.1609,
18.8029

■ 240.6740, 1.1467,
5.5479

Harmonies

Analogous

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



130.7300, 46.9681, 55.4878



100.5560, 27.8269, 128.4314



100.4960, -8.1325, 135.5000

Triad

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



100.5560, 27.8269, 128.4314



116.2440, -57.3083, -5.4760



121.2630, 61.0023, -106.3477

Complementary

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



100.5560, 27.8269, 128.4314



161.4440, -27.8269, -128.4314

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.



115.7280, 32.1791, -101.4935



100.5560, 27.8269, 128.4314



91.9940, -38.4510, -80.6787

Square

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



100.5560, 27.8269, 128.4314



123.0750, -60.6760, 48.1692



105.7760, -0.8756, -92.7656



115.3590, 68.8430, -101.1698

Rectangle

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



100.5560, 27.8269, 128.4314



114.4920, -39.1896, 110.0705



105.7760, -0.8756, -92.7656



119.6840, 52.4138, -104.9629

Sweetspot

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



100.5560, 27.8269, 128.4314



210.1310, 8.3164, 39.3501



68.0590, 88.2179, 31.5203



100.2340, 5.3076, 24.3508



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.



100.5560, 27.8269, 128.4314



94.0290, 30.5517, 141.1716



87.4460, -22.4049, 139.9289



114.5000, 1.7255, 6.5775



68.6100, 22.3773, 102.9510



21.7450, 7.0277, 32.6726

Inverse Universe

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



100.5560, 27.8269, 128.4314



94.0290, 30.5517, 141.1716



174.5540, 22.4049, -139.9289



114.5000, 1.7255, 6.5775



68.6100, 22.3773, 102.9510



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 100.5560, 27.8269, 128.4314 looks on a white background.

Color Contrast Check

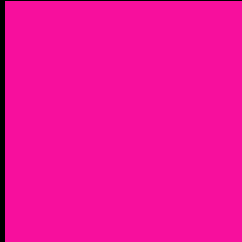
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5560, 27.8269, 128.4314 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 100.5560, 27.8269, 128.4314 Background



This preview shows how black text looks on a background with the YUV color 100.5560, 27.8269, 128.4314.



This preview shows how white text looks on a background with the YUV color 100.5560, 27.8269, 128.4314.

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

100.5560, 27.8269, 128.4314

Protanopia

128.4680, 47.0973, -32.8594

Deuteranopia

132.7430, 6.5357, 3.7334



Tritanopia

116.4500, -25.3648, 109.2304

Trichromacy



Original Color

100.5560, 27.8269, 128.4314



Protanomaly

118.7080, 40.0770, 25.6891



Deuteranomaly

121.0920, 14.2516, 49.0313



Tritanomaly

110.8310, -6.3257, 115.9122

Monochromacy



Original Color

100.5560, 27.8269, 128.4314



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.9300, 9.8945, 46.5424

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5560, 27.8269, 128.4314 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, 15, 157)` looks like.

```
.text, #text, p{  
    color:rgb(247, 15, 157)  
}
```

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, 15, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 15, 157) }
```

Border

The CSS property to change the border of an element to YUV 100.5560, 27.8269, 128.4314 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, 15, 157) }
```


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

```
.border{ border-color:rgb(247, 15, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 15, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 15, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 15, 157);  
box-shadow:4px 4px 4px 4px rgb(247, 15,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 100.5560, 27.8269, 128.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 15, 157) }
```

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

```
.background{ background-color: rgb(247, 15,  
157) }
```

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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