

Converting Colors

YUV(128.2800, 16.1310,
99.7324)

Have a look what the booklet for
YUV(128.2800, 16.1310, 99.7324)
contains.

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Color

**YUV(128.2800, 16.1310,
99.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	F240A1
RGB	242, 64, 161
RGB Percent	95%, 25%, 63%
CMY	0.0510, 0.7490, 0.3686
CMYK	0.00, 0.74, 0.33, 0.05
HSL	327°, 87%, 60%
HSV	327°, 74%, 95%
XYZ	44.8844, 25.1172, 36.2007
YIQ	128.2800, 74.9510, 67.9030

Conversions

Conversions Part 2

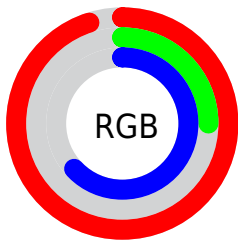
Format	Color
R _Y B	242, 64, 161
Decimal	15876257
CIE Lab	57.19, 73.89, -12.36
CIE LCh	57, 74.919, 350.501
Yxy	25.1172, 0.4226, 0.2365
Android (android.graphics.Color)	4294066337 (0xFFFF240A1)
YUV	128.2800, 16.1310, 99.7324
Hunter-Lab	50.1171, 72.1578, -7.7445

Details

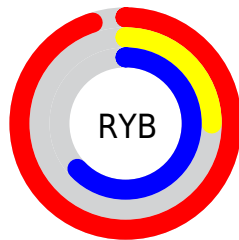
The YUV color **128.2800, 16.1310, 99.7324** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **177.7200, -16.1310, -99.7324**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8310, 20.2963, 70.3082**, and **66.5450, 20.9303, 100.3770** is the 20% darker color. If you saturate the color by 10%, you get **112.9380, 18.2716, 113.1874**, and if you desaturate by 10%, it is **143.6220, 13.9904, 86.2775**.

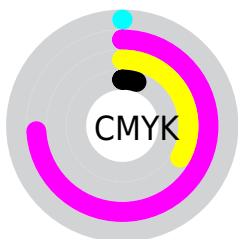
Distribution



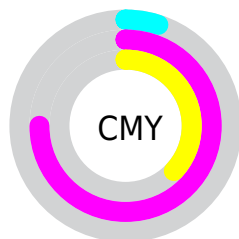
- Red (95%)
- Green (25%)
- Blue (63%)



- Red (95%)
- Yellow (25%)
- Blue (63%)



- Cyan (0%)
- Magenta (74%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (75%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2800, 16.1310, 99.7324 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 128.2800, 16.1310, 99.7324 by changing the saturation by 10% instead.

128.2800, 16.1310,
99.7324

128.2800, 16.1310,
99.7324

255.0000, 0.0000,
0.0000

90.8060, 21.7876,
105.4101

174.8310, 20.2963,
70.3082

66.5450, 20.9303,
100.3770

195.6330, 23.8449,
52.0649

54.8390, 14.8694,
84.3332

213.9100, 20.2574,
36.0359

43.2470, 9.2452,
68.1894

231.5200, 11.5756,
20.5920

32.0680, 3.9105,
52.5604

249.1300, 2.8939,
5.1480

21.6010, -1.2823,
38.0609

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 128.2800, 16.1310,
99.7324

■ 128.2800, 16.1310,
99.7324

■ 112.9380, 18.2716,
113.1874

■ 143.6220, 13.9904,
86.2775

■ 97.5960, 20.4122,
126.6423

■ 158.9640, 11.8497,
72.8226

■ 87.4060, 21.9848,
135.5789

■ 174.8930, 9.4198,
58.8528

■ 190.2350, 7.2791,
45.3979

■ 205.5770, 5.1385,
31.9430

220.9190, 2.9979,
18.4880

236.2610, 0.8573,
5.0331

250.4290, -0.7045,
-7.3922

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



139.5520, 40.1539, 47.7509



128.2800, 16.1310, 99.7324



124.4360, -14.0189, 110.1196

Triad

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



128.2800, 16.1310, 99.7324



123.0660, -60.6715, -0.0579



122.8130, 56.7872, -107.7070

Complementary

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



128.2800, 16.1310, 99.7324



177.7200, -16.1310, -99.7324

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.



118.0760, 31.0215, -103.5527



128.2800, 16.1310, 99.7324



100.7410, -27.9733, -81.3339

Square

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



128.2800, 16.1310, 99.7324



129.2660, -63.7281, 47.1247



109.8510, 2.0455, -96.3393



117.7070, 67.6854, -103.2290

Rectangle

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



128.2800, 16.1310, 99.7324



127.9140, -35.9466, 96.5454



109.8510, 2.0455, -96.3393



122.0490, 48.7828, -107.0370

Sweetspot

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



128.2800, 16.1310, 99.7324



219.1640, 4.8491, 31.4282



108.2120, 65.9575, 31.3861



106.2180, 2.8505, 19.1028



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.



128.2800, 16.1310, 99.7324



111.8840, 20.2702, 125.5127



118.2480, -22.3073, 108.5305



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Inverse Universe

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



128.2800, 16.1310, 99.7324



111.8840, 20.2702, 125.5127



187.7520, 22.3073, -108.5305



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 128.2800, 16.1310, 99.7324 looks on a white background.

Color Contrast Check

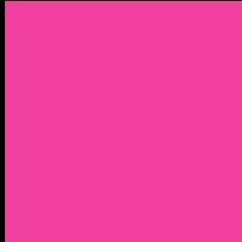
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2800, 16.1310, 99.7324 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 128.2800, 16.1310, 99.7324 Background



This preview shows how black text looks on a background with the YUV color 128.2800, 16.1310, 99.7324.



This preview shows how white text looks on a background with the YUV color 128.2800, 16.1310,

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

128.2800, 16.1310, 99.7324

Protanopia

136.3740, 36.2976, -22.2530

Deuteranopia

139.0420, 6.3883, 4.3482



Tritanopia

130.3170, -20.3693, 93.5610

Trichromacy



Original Color

128.2800, 16.1310, 99.7324



Protanomaly

133.4120, 28.8839, 22.4407



Deuteranomaly

135.4730, 9.6268, 39.0502



Tritanomaly

129.7700, -7.2816, 95.7947

Monochromacy



Original Color

128.2800, 16.1310, 99.7324



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1260, 5.8539, 35.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2800, 16.1310, 99.7324 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(242, 64, 161)` looks like.

```
.text, #text, p{  
    color:rgb(242, 64, 161)  
}
```

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(242, 64, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 64, 161) }
```

Border

The CSS property to change the border of an element to YUV 128.2800, 16.1310, 99.7324 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(242, 64, 161) }
```


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

```
.border{ border-color:rgb(242, 64, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 64, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 64, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 64, 161);  
box-shadow:4px 4px 4px 4px rgb(242, 64,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 128.2800, 16.1310, 99.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 64, 161) }
```

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

```
.background{ background-color: rgb(242, 64,  
161) }
```

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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