

Converting Colors

YUV(87.3160, 28.4382,
118.9949)

Have a look what the booklet for
YUV(87.3160, 28.4382, 118.9949)
contains.

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Color

**YUV(87.3160, 28.4382,
118.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0791
RGB	223, 7, 145
RGB Percent	87%, 3%, 57%
CMY	0.1255, 0.9725, 0.4314
CMYK	0.00, 0.97, 0.35, 0.13
HSL	322°, 94%, 45%
HSV	322°, 97%, 87%
XYZ	35.6182, 17.8843, 28.3628
YIQ	87.3160, 84.4380, 88.7100

Conversions

Conversions Part 2

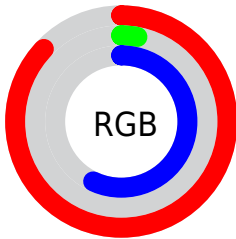
Format	Color
RYB	223, 7, 145
Decimal	14616465
CIELab	49.36, 78.78, -15.05
CIELCh	49, 80.200, 349.185
Yxy	17.8843, 0.4351, 0.2185
Android (android.graphics.Color)	4292806545 (0xFFDF0791)
YUV	87.3160, 28.4382, 118.9949
Hunter-Lab	42.2898, 76.3330, -10.1616

Details

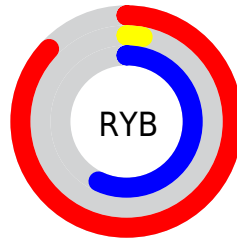
The YUV color **87.3160, 28.4382, 118.9949** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **142.6840, -28.4382, -118.9949**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6960, 21.8419, 87.9666**, and **59.2680, 17.6159, 90.0960** is the 20% darker color. If you saturate the color by 10%, you get **82.8650, 29.1536, 122.8984**, and if you desaturate by 10%, it is **101.1420, 25.5660, 106.8695**.

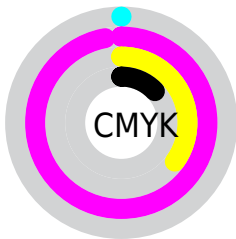
Distribution



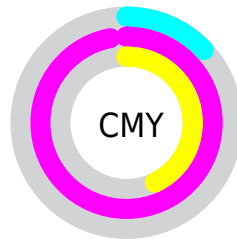
- Red (87%)
- Green (3%)
- Blue (57%)



- Red (87%)
- Yellow (3%)
- Blue (57%)



- Cyan (0%)
- Magenta (97%)
- Yellow (35%)
- Black (13%)





- Cyan (13%)
- Magenta (97%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.3160, 28.4382, 118.9949 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 87.3160, 28.4382, 118.9949 by changing the saturation by 10% instead.


 87.3160, 28.4382,
118.9949


 87.3160, 28.4382,
118.9949


255.0000, 0.0000,
0.0000

 70.9740, 23.6768,
106.1398

 154.6960, 21.8419,
87.9666


 59.2680, 17.6159,
90.0960


 176.0850, 25.1011,
69.2085


 47.5620, 11.5549,
74.0521


 196.8870, 28.6497,
50.9651

 35.9700, 5.9308,
57.9083

 214.4970, 19.9680,
35.5211

 25.6170, 1.1748,
43.3089

 232.1070, 11.2862,
20.0772

 13.5690, -6.1965,
27.5650

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 87.3160, 28.4382,
118.9949

■ 87.3160, 28.4382,
118.9949

■ 82.8650, 29.1536,
122.8984

■ 101.1420, 25.5660,
106.8695

■ 115.5550, 22.4044,
94.2293

■ 129.3810, 19.5322,
82.1039

■ 143.2070, 16.6599,
69.9785

■ 157.0330, 13.7877,
57.8531

■ 171.4460, 10.6261,
45.2129

■ 185.2720, 7.7539,
33.0875

■ 199.0980, 4.8817,
20.9621

■ 213.5110, 1.7201,
8.3219

Harmonies

Analogous

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



117.1050, 44.8112, 47.2659



87.3160, 28.4382, 118.9949



83.5430, -2.7327, 130.1968

Triad

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



87.3160, 28.4382, 118.9949



105.0470, -51.7882, -2.6722



109.0210, 54.7126, -95.6114

Complementary

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



87.3160, 28.4382, 118.9949



142.6840, -28.4382, -118.9949

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.



103.9420, 27.6366, -91.1571



87.3160, 28.4382, 118.9949



81.5930, -40.2253, -71.5571

Square

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



87.3160, 28.4382, 118.9949



110.9590, -54.7028, 45.6400



94.6740, -2.7973, -83.0291



106.9130, 72.0209, -93.7627

Rectangle

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



87.3160, 28.4382, 118.9949



100.9410, -33.4949, 103.5377



94.6740, -2.7973, -83.0291



108.2570, 46.7083, -94.9414

Sweetspot

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



87.3160, 28.4382, 118.9949



208.4840, 9.6214, 40.7945



54.3480, 83.1454, 25.1278



99.6470, 5.5970, 24.8656



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.



87.3160, 28.4382, 118.9949



94.8270, 33.6093, 140.4717



75.2320, -17.8624, 129.5925



105.0870, 1.4361, 6.0627



65.3920, 22.9777, 97.0032



17.8860, 6.4652, 26.4100

Inverse Universe

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



87.3160, 28.4382, 118.9949



94.8270, 33.6093, 140.4717



154.7680, 17.8624, -129.5925



105.0870, 1.4361, 6.0627



65.3920, 22.9777, 97.0032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 87.3160, 28.4382, 118.9949 looks on a white 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

Black Background



This preview shows how the YUV color 87.3160, 28.4382, 118.9949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

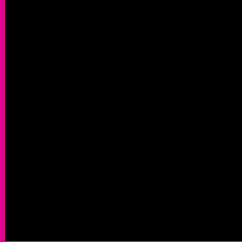
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.3160, 28.4382, 118.9949

Background



This preview shows how black text looks on a background with the YUV color 87.3160, 28.4382, 118.9949.



This preview shows how white text looks on a background with the YUV color 87.3160, 28.4382,

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

87.3160, 28.4382, 118.9949

Protanopia

115.0120, 45.3501, -32.4595

Deuteranopia

120.2590, 7.2673, 2.4039



Tritanopia

106.0680, -22.7115, 98.1644

Trichromacy



Original Color

87.3160, 28.4382, 118.9949



Protanomaly

104.7570, 39.0668, 23.0151



Deuteranomaly

107.9990, 15.2835, 44.7279



Tritanomaly

99.0470, -3.9672, 106.0758

Monochromacy



Original Color

87.3160, 28.4382, 118.9949



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

87.0220, 10.3422, 42.9537

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3160, 28.4382, 118.9949 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(223, 7, 145)` looks like.

```
.text, #text, p{  
    color:rgb(223, 7, 145)  
}
```

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(223, 7, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 7, 145) }
```

Border

The CSS property to change the border of an element to YUV 87.3160, 28.4382, 118.9949 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(223, 7, 145) }
```


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

```
.border{ border-color:rgb(223, 7, 145) }
```

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

Here you see how a box with a 4 pixel rgb(223, 7, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 7, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 7, 145);  
box-shadow:4px 4px 4px 4px rgb(223, 7,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 87.3160, 28.4382, 118.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 7, 145) }
```

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

```
.background{ background-color: rgb(223, 7,  
145) }
```

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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