

Converting Colors

YUV(82.8780, 22.7381,
127.2720)

Have a look what the booklet for
YUV(82.8780, 22.7381, 127.2720)
contains.

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Color

**YUV(82.8780, 22.7381,
127.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	E40081
RGB	228, 0, 129
RGB Percent	89%, 0%, 51%
CMY	0.1059, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.43, 0.11
HSL	326°, 100%, 45%
HSV	326°, 100%, 89%
XYZ	35.9574, 18.0790, 22.3633
YIQ	82.8780, 94.4790, 88.4550

Conversions

Conversions Part 2

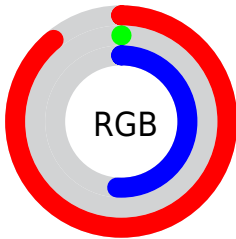
Format	Color
R_{YB}	228, 0, 129
Decimal	14942337
CIE _{Lab}	49.59, 78.90, -4.91
CIE _{LCh}	50, 79.050, 356.437
Yxy	18.0790, 0.4706, 0.2366
Android (android.graphics.Color)	4293132417 (0xFFE40081)
YUV	82.8780, 22.7381, 127.2720
Hunter-Lab	42.5194, 76.5433, -1.4204

Details

The YUV color **82.8780, 22.7381, 127.2720** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **145.1220, -22.7381, -127.2720**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1710, 14.7057, 90.1810**, and **58.7540, 10.4743, 94.0547** is the 20% darker color. If you saturate the color by 10%, you get **82.8780, 22.7381, 127.2720**, and if you desaturate by 10%, it is **97.5190, 20.4501, 114.4318**.

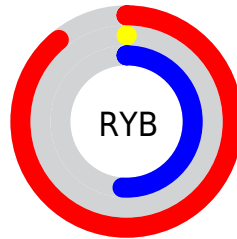
Distribution



Red (89%)

Green (0%)

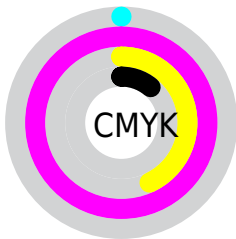
Blue (51%)



Red (89%)

Yellow (0%)

Blue (51%)

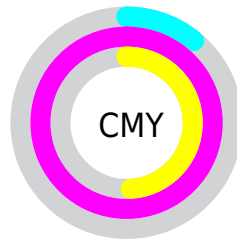


Cyan (0%)

Magenta (100%)

Yellow (43%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.8780, 22.7381, 127.2720 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 82.8780, 22.7381, 127.2720 by changing the saturation by 10% instead.


 82.8780, 22.7381,
127.2720


 82.8780, 22.7381,
127.2720


255.0000, 0.0000,
0.0000


 70.7590, 16.3878,
110.7134

 152.1710, 14.7057,
90.1810


 58.7540, 10.4743,
94.0547


 173.4460, 17.5281,
71.5229


 47.1620, 4.8501,
77.9109


 194.2480, 21.0767,
53.2795

 35.4990, 0.2470,
60.9524

 213.9100, 20.2574,
36.0359

 24.9180, -5.3826,
46.5529

 232.1070, 11.2862,
20.0772

 13.9820, -5.9071,
28.0798

 249.7170, 2.6045,

 0.0000, 0.0000,

■ 82.8780, 22.7381,
127.2720

■ 97.5190, 20.4501,
114.4318

■ 112.1600, 18.1621,
101.5917

■ 126.2140, 16.1635,
89.2663

■ 140.8550, 13.8755,
76.4262

■ 155.3820, 11.1507,
63.6860

■ 170.0230, 8.8627,
50.8458

■ 184.6640, 6.5746,
38.0057

■ 198.7180, 4.5760,
25.6803

■ 213.3590, 2.2880,
12.8402

Harmonies

Analogous

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



114.6080, 38.6473, 64.3648



82.8780, 22.7381, 127.2720



95.3120, -15.9298, 116.3674

Triad

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



82.8780, 22.7381, 127.2720



102.3120, -50.4398, -15.1826



109.5740, 59.3700, -96.0964

Complementary

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



82.8780, 22.7381, 127.2720



145.1220, -22.7381, -127.2720

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.



105.7660, 34.6254, -92.7568



82.8780, 22.7381, 127.2720



86.5290, -26.3898, -75.8859

Square

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



82.8780, 22.7381, 127.2720



111.1810, -54.8122, 34.0443



97.4270, 5.2125, -85.4435



104.6790, 73.6153, -91.8035

Rectangle

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



82.8780, 22.7381, 127.2720



104.9000, -44.8137, 93.9267



97.4270, 5.2125, -85.4435



109.0380, 52.2393, -95.6263

Sweetspot

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



82.8780, 22.7381, 127.2720



206.6260, 7.5794, 42.4240



55.5930, 84.9967, 38.0679



98.7180, 4.5760, 25.6803



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.



82.8780, 22.7381, 127.2720



92.6610, 25.3101, 142.3713



69.8820, -27.0568, 138.6695



107.3860, 1.2887, 6.6775



65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Inverse Universe

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



82.8780, 22.7381, 127.2720



92.6610, 25.3101, 142.3713



158.1180, 27.0568, -138.6695



107.3860, 1.2887, 6.6775



65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 82.8780, 22.7381, 127.2720 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 82.8780, 22.7381, 127.2720 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 82.8780, 22.7381, 127.2720

Background



This preview shows how black text looks on a background with the YUV color 82.8780, 22.7381, 127.2720.



This preview shows how white text looks on a background with the YUV color 82.8780, 22.7381,

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

82.8780, 22.7381, 127.2720

Protanopia

118.8750, 33.0926, -20.9384

Deuteranopia

120.8270, -0.9007, 8.9217



Tritanopia

102.8410, -25.0646, 106.2564

Trichromacy



Original Color

82.8780, 22.7381, 127.2720



Protanomaly

105.5920, 29.2881, 32.8068



Deuteranomaly

107.0940, 7.8417, 51.6606



Tritanomaly

95.1790, -7.4832, 113.8530

Monochromacy



Original Color

82.8780, 22.7381, 127.2720



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

83.1750, 8.2947, 46.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8780, 22.7381, 127.2720 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(228, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 0, 129)  
}
```

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(228, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 0, 129) }
```

Border

The CSS property to change the border of an element to YUV 82.8780, 22.7381, 127.2720 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(228, 0, 129) }
```


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

```
.border{ border-color:rgb(228, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(228, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(228, 0,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 82.8780, 22.7381, 127.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 0, 129) }
```

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

```
.background{ background-color: rgb(228, 0,  
129) }
```

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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