

Converting Colors

YUV(122.8840, 37.0322,
115.8657)

Have a look what the booklet for
YUV(122.8840, 37.0322, 115.8657)
contains.

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Color

**YUV(122.8840, 37.0322,
115.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	FF29C6
RGB	255, 41, 198
RGB Percent	100%, 16%, 78%
CMY	0.0000, 0.8392, 0.2235
CMYK	0.00, 0.84, 0.22, 0.00
HSL	316°, 100%, 58%
HSV	316°, 84%, 100%
XYZ	52.2260, 26.9231, 55.8701
YIQ	122.8840, 77.1470, 94.1950

Conversions

Conversions Part 2

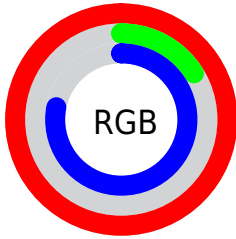
Format	Color
R_{YB}	255, 41, 198
Decimal	16722374
CIE _{Lab}	58.90, 86.67, -30.97
CIE _{LCh}	59, 92.040, 340.335
Yxy	26.9231, 0.3868, 0.1994
Android (android.graphics.Color)	4294912454 (0xFFFF29C6)
YUV	122.8840, 37.0322, 115.8657
Hunter-Lab	51.8875, 88.8615, -27.5196

Details

The YUV color **122.8840, 37.0322, 115.8657** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **173.1160, -37.0322, -115.8657**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8200, 40.5147, 72.0719**, and **74.1230, 34.4494, 104.2551** is the 20% darker color. If you saturate the color by 10%, you get **107.4110, 41.2094, 129.4356**, and if you desaturate by 10%, it is **138.3570, 32.8550, 102.2959**.

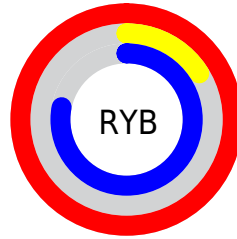
Distribution



Red (100%)

Green (16%)

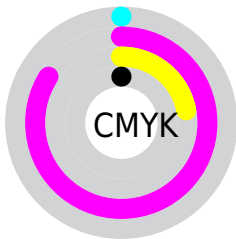
Blue (78%)



Red (100%)

Yellow (16%)

Blue (78%)

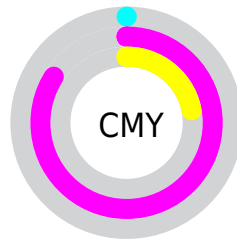


Cyan (0%)

Magenta (84%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8840, 37.0322, 115.8657 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 122.8840, 37.0322, 115.8657 by changing the saturation by 10% instead.


 122.8840, 37.0322,
115.8657


 122.8840, 37.0322,
115.8657


255.0000, 0.0000,
0.0000


 86.4700, 41.6733,
120.6138


 172.8200, 40.5147,
72.0719


 74.1230, 34.4494,
104.2551


 191.0170, 31.5436,
56.1131


 62.1890, 27.5148,
88.4112


 209.2140, 22.5725,
40.1543

 50.3690, 21.0171,
72.4674

 226.8240, 13.8908,
24.7104

 38.9620, 14.8087,
57.0383

 245.0210, 4.9196,
8.7516

 27.9680, 8.8898,
42.1241

 16.1910, 3.8498,

25.2655

■ 0.0000, 0.0000,
0.0000

■ 122.8840, 37.0322,
115.8657

■ 122.8840, 37.0322,
115.8657

■ 107.4110, 41.2094,
129.4356

■ 138.3570, 32.8550,
102.2959

■ 97.5630, 44.0924,
138.0722

■ 154.4170, 28.3884,
88.2113

■ 170.3630, 23.4850,
74.2266

■ 185.8360, 19.3079,
60.6568

■ 201.8960, 14.8413,
46.5722

■ 217.3690, 10.6641,
33.0024

■ 233.4290, 6.1975,
18.9178

■ 248.7880, 1.5835,
5.4479

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



142.4430, 55.4906, 28.5525



122.8840, 37.0322, 115.8657



89.6970, 13.9534, 144.9707

Triad

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



122.8840, 37.0322, 115.8657



130.2420, -64.2093, 14.6968



130.1820, 57.0983, -114.1696

Complementary

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



122.8840, 37.0322, 115.8657



173.1160, -37.0322, -115.8657

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.



121.9910, 23.1754, -106.9861



122.8840, 37.0322, 115.8657



108.5270, -53.5038, -59.2212

Square

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



122.8840, 37.0322, 115.8657



132.6650, -65.4038, 71.3308



110.4260, -13.5210, -96.8436



125.9250, 63.6340, -110.4362

Rectangle

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



122.8840, 37.0322, 115.8657



111.3580, -22.3615, 125.9740



110.4260, -13.5210, -96.8436



128.0330, 46.3257, -112.2849

Sweetspot

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



122.8840, 37.0322, 115.8657



215.4940, 11.0955, 34.6468



81.5420, 85.5148, 11.8027



103.8530, 6.4815, 21.1769



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.



122.8840, 37.0322, 115.8657



97.5630, 44.0924, 138.0722



111.1420, -7.9580, 126.1635



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Inverse Universe

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



122.8840, 37.0322, 115.8657



97.5630, 44.0924, 138.0722



184.9720, 8.3948, -126.2634



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 122.8840, 37.0322, 115.8657 looks on a white background.

Color Contrast Check

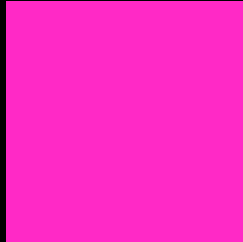
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8840, 37.0322, 115.8657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

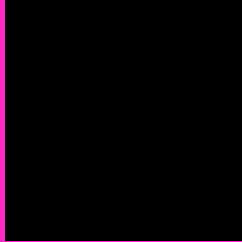
Any Text WCAG AA ✓ Pass

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 122.8840, 37.0322, 115.8657 Background



This preview shows how black text looks on a background with the YUV color 122.8840, 37.0322, 115.8657.



This preview shows how white text looks on a background with the YUV color 122.8840, 37.0322, 115.8657.

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

122.8840, 37.0322, 115.8657

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

142.8520, 21.2720, -9.5172



Tritanopia

133.7090, -21.5485, 98.4792

Trichromacy



Original Color

122.8840, 37.0322, 115.8657



Protanomaly

131.0900, 50.7346, 13.9531



Deuteranomaly

135.6310, 26.8039, 36.2806



Tritanomaly

129.6600, -0.3254, 104.6612

Monochromacy



Original Color

122.8840, 37.0322, 115.8657



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.8200, 13.3997, 42.2539

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8840, 37.0322, 115.8657 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(255, 41, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 198)  
}
```

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(255, 41, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 198) }
```

Border

The CSS property to change the border of an element to YUV 122.8840, 37.0322, 115.8657 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(255, 41, 198) }
```


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

```
.border{ border-color:rgb(255, 41, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 122.8840, 37.0322, 115.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 198) }
```

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

```
.background{ background-color: rgb(255, 41,  
198) }
```

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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