

Converting Colors

YUV(127.8080, 35.5907,
111.5474)

Have a look what the booklet for
YUV(127.8080, 35.5907, 111.5474)
contains.

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Color

**YUV(127.8080, 35.5907,
111.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	FF31C8
RGB	255, 49, 200
RGB Percent	100%, 19%, 78%
CMY	0.0000, 0.8078, 0.2157
CMYK	0.00, 0.81, 0.22, 0.00
HSL	316°, 100%, 60%
HSV	316°, 81%, 100%
XYZ	52.7636, 27.6268, 57.1951
YIQ	127.8080, 74.3050, 90.6330

Conversions

Conversions Part 2

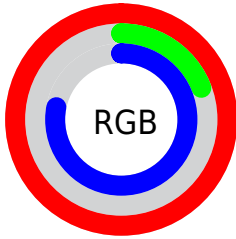
Format	Color
R _Y B	255, 49, 200
Decimal	16724424
CIE _{Lab}	59.55, 85.28, -31.11
CIE _{LCh}	60, 90.783, 339.957
Yxy	27.6268, 0.3835, 0.2008
Android (android.graphics.Color)	4294914504 (0xFFFF31C8)
YUV	127.8080, 35.5907, 111.5474
Hunter-Lab	52.5612, 87.2056, -27.7244

Details

The YUV color **127.8080, 35.5907, 111.5474** 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 **176.1920, -35.5907, -111.5474**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1680, 39.3572, 70.0127**, and **74.3510, 35.3230, 104.0552** is the 20% darker color. If you saturate the color by 10%, you get **112.3350, 39.7678, 125.1172**, and if you desaturate by 10%, it is **143.8680, 31.1241, 97.4628**.

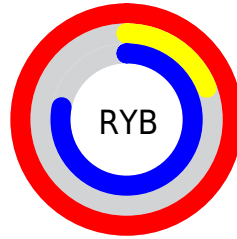
Distribution



Red (100%)

Green (19%)

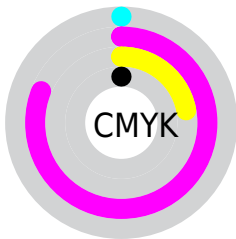
Blue (78%)



Red (100%)

Yellow (19%)

Blue (78%)

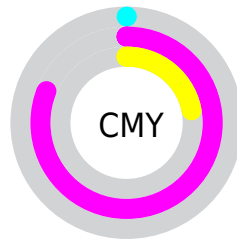


Cyan (0%)

Magenta (81%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (81%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.8080, 35.5907, 111.5474 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 127.8080, 35.5907, 111.5474 by changing the saturation by 10% instead.


 127.8080, 35.5907,
111.5474


 127.8080, 35.5907,
111.5474

255.0000, 0.0000,
0.0000


 86.5840, 42.1101,
120.5138


 175.1680, 39.3572,
70.0127


 74.3510, 35.3230,
104.0552


 193.3650, 30.3861,
54.0539

 62.4170, 28.3884,
88.2113


 211.5620, 21.4149,
38.0951

 50.8960, 21.7433,
72.8822

 229.1720, 12.7332,
22.6512

 39.0760, 15.2455,
56.9383

 247.3690, 3.7621,
6.6924

 28.4950, 9.6160,
42.5389

 16.7180, 4.5760,

25.6803

■ 0.0000, 0.0000,
0.0000

■ 127.8080, 35.5907,
111.5474

■ 127.8080, 35.5907,
111.5474

■ 112.3350, 39.7678,
125.1172

■ 143.8680, 31.1241,
97.4628

■ 97.5630, 44.0924,
138.0722

■ 159.3410, 26.9469,
83.8929

■ 175.2870, 22.0435,
69.9083

■ 190.7600, 17.8663,
56.3385

■ 206.8200, 13.3997,
42.2539

222.2930, 9.2226,
28.6840

238.3530, 4.7560,
14.5994

253.7120, 0.1420,
1.1296

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.



144.2040, 54.6224, 27.0081



127.8080, 35.5907, 111.5474



90.0390, 15.2638, 144.6708

Triad

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



127.8080, 35.5907, 111.5474



132.3130, -65.2303, 15.5115



131.2420, 56.0827, -115.0992

Complementary

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



127.8080, 35.5907, 111.5474



176.1920, -35.5907, -111.5474

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.



123.1650, 22.5967, -108.0157



127.8080, 35.5907, 111.5474



111.5060, -54.9725, -54.8178

Square

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



127.8080, 35.5907, 111.5474



134.4370, -66.2774, 71.5308



111.7140, -13.6630, -97.9732



127.0990, 63.0552, -111.4658

Rectangle

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



127.8080, 35.5907, 111.5474



114.6350, -22.4981, 123.1001



111.7140, -13.6630, -97.9732



129.2070, 45.7469, -113.3145

Sweetspot

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



127.8080, 35.5907, 111.5474



217.3690, 10.6641, 33.0024



88.9290, 81.8730, 13.2173



105.1410, 6.3395, 20.0473



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.



127.8080, 35.5907, 111.5474



102.4870, 42.6509, 133.7539



116.0660, -9.3995, 121.8451



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.



127.8080, 35.5907, 111.5474



102.4870, 42.6509, 133.7539



187.9340, 9.3995, -121.8451



119.9130, 2.0149, 7.0923



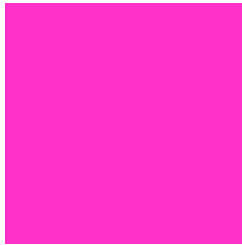
73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 127.8080, 35.5907, 111.5474 looks on a white background.

Color Contrast Check

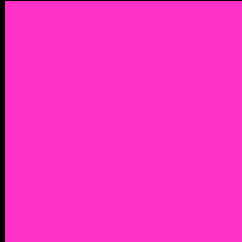
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.8080, 35.5907, 111.5474 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 127.8080, 35.5907, 111.5474 Background



This preview shows how black text looks on a background with the YUV color 127.8080, 35.5907, 111.5474.



This preview shows how white text looks on a background with the YUV color 127.8080, 35.5907, 111.5474.

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

127.8080, 35.5907, 111.5474

Protanopia

137.8610, 57.7495, -42.8511

Deuteranopia

143.9660, 21.7088, -9.6172



Tritanopia

136.5130, -20.9589, 96.0201

Trichromacy



Original Color

127.8080, 35.5907, 111.5474



Protanomaly

134.1500, 49.7191, 13.0235



Deuteranomaly

138.2070, 26.5199, 34.0215



Tritanomaly

133.0510, -0.0251, 101.6873

Monochromacy



Original Color

127.8080, 35.5907, 111.5474



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.6950, 12.9684, 40.6095

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.8080, 35.5907, 111.5474 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, 49, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 200)  
}
```

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, 49, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 200) }
```

Border

The CSS property to change the border of an element to YUV 127.8080, 35.5907, 111.5474 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, 49, 200) }
```


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

```
.border{ border-color:rgb(255, 49, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 49, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 127.8080, 35.5907, 111.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 200) }
```

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

```
.background{ background-color: rgb(255, 49,  
200) }
```

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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