

Converting Colors

YUV(127.1340, -2.5311,
112.1385)

Have a look what the booklet for
YUV(127.1340, -2.5311, 112.1385)
contains.

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Color

**YUV(127.1340, -2.5311,
112.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F7A
RGB	255, 63, 122
RGB Percent	100%, 25%, 48%
CMY	0.0000, 0.7529, 0.5216
CMYK	0.00, 0.75, 0.52, 0.00
HSL	342°, 100%, 62%
HSV	342°, 75%, 100%
XYZ	46.5304, 26.2202, 21.0209
YIQ	127.1340, 95.4930, 59.0530

Conversions

Conversions Part 2

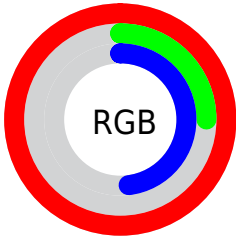
Format	Color
R_{YB}	255, 63, 122
Decimal	16727930
CIE _{Lab}	58.25, 74.04, 12.42
CIE _{LCh}	58, 75.077, 9.520
Yxy	26.2202, 0.4962, 0.2796
Android (android.graphics.Color)	4294918010 (0xFFFF3F7A)
YUV	127.1340, -2.5311, 112.1385
Hunter-Lab	51.2056, 72.5925, 11.5042

Details

The YUV color **127.1340, -2.5311, 112.1385** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **190.8660, 2.5311, -112.1385**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0430, 1.9508, 74.5073**, and **65.8440, 4.0209, 110.6388** is the 20% darker color. If you saturate the color by 10%, you get **109.8200, -2.8693, 127.3229**, and if you desaturate by 10%, it is **144.4480, -2.1929, 96.9541**.

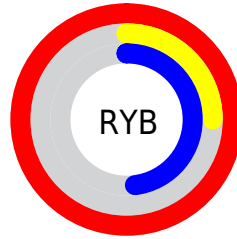
Distribution



Red (100%)

Green (25%)

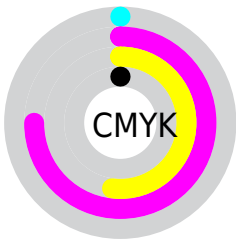
Blue (48%)



Red (100%)

Yellow (25%)

Blue (48%)

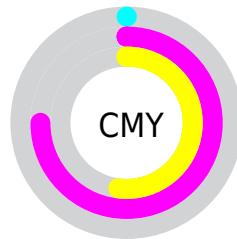


Cyan (0%)

Magenta (75%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.1340, -2.5311, 112.1385 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 127.1340, -2.5311, 112.1385 by changing the saturation by 10% instead.

 127.1340, -2.5311,
112.1385


 127.1340, -2.5311,
112.1385


255.0000, 0.0000,
0.0000

 87.7140, 4.5780,
118.6458


 170.0430, 1.9508,
74.5073


 65.8440, 4.0209,
110.6388


 190.7310, 5.0626,
56.3639


 54.0670, -1.0190,
93.7802


 211.5330, 8.6112,
38.1206

 42.4040, -5.6222,
76.8217

 231.5200, 11.5756,
20.5920

 30.2850, -11.9725,
60.2631

 249.7170, 2.6045,
4.6332

 21.2720, -9.0081,
42.7345

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 127.1340, -2.5311,
112.1385

■ 127.1340, -2.5311,
112.1385

■ 109.8200, -2.8693,
127.3229

■ 144.4480, -2.1929,
96.9541

■ 93.2070, -3.0601,
141.8925

■ 161.0610, -2.0021,
82.3845

■ 85.1370, -3.5185,
148.9699

■ 178.3750, -1.6639,
67.2001

■ 195.1020, -1.0363,
52.5305

■ 212.3020, -1.1349,
37.4461

229.0290, -0.5073,
22.7766

246.3430, -0.1691,
7.5922

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.



136.2980, 25.4891, 84.8077



127.1340, -2.5311, 112.1385



130.7400, -35.3678, 97.5750

Triad

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



127.1340, -2.5311, 112.1385



117.4680, -50.5167, -37.2444



122.9900, 65.0809, -107.8622

Complementary

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



127.1340, -2.5311, 112.1385



190.8660, 2.5311, -112.1385

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.



124.0380, 48.7883, -108.7813



127.1340, -2.5311, 112.1385



107.8160, -8.2903, -94.5546

Square

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



127.1340, -2.5311, 112.1385



129.3780, -63.7834, 18.0855



117.4430, 20.9806, -102.9975



111.8370, 70.5794, -98.0810

Rectangle

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



127.1340, -2.5311, 112.1385



130.9630, -60.6208, 77.2084



117.4430, 20.9806, -102.9975



124.5230, 63.3392, -109.2067

Sweetspot

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



127.1340, -2.5311, 112.1385



215.6930, -0.8346, 34.4722



124.0570, 64.5549, 61.3400



104.0180, -0.5019, 21.0322



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.



127.1340, -2.5311, 112.1385



101.8640, -2.8910, 134.3003



140.9530, -38.4308, 100.0192



119.3430, -0.1691, 7.5922



63.8350, -2.3837, 111.5237



21.4160, -0.6981, 37.3462

Inverse Universe

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



127.1340, -2.5311, 112.1385



101.8640, -2.8910, 134.3003



177.0470, 38.4308, -100.0192



119.3430, -0.1691, 7.5922



63.8350, -2.3837, 111.5237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 127.1340, -2.5311, 112.1385 looks on a white background.

Color Contrast Check

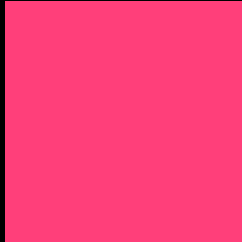
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1340, -2.5311, 112.1385 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 127.1340, -2.5311, 112.1385

Background



This preview shows how black text looks on a background with the YUV color 127.1340, -2.5311, 112.1385.



This preview shows how white text looks on a background with the YUV color 127.1340, -2.5311,

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

127.1340, -2.5311, 112.1385

Protanopia

140.7250, 10.4886, -4.1438

Deuteranopia

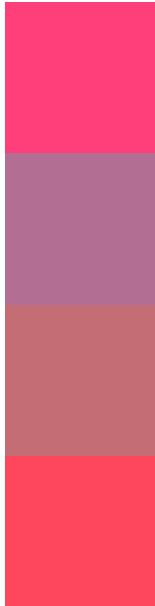
140.8640, -13.7370, 19.4133



Tritanopia

127.8630, -25.0755, 109.7451

Trichromacy



Original Color

127.1340, -2.5311, 112.1385

Protanomaly

135.4360, 5.7011, 38.2056

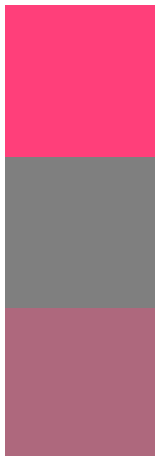
Deuteranomaly

135.8110, -9.7668, 52.7858

Tritanomaly

127.6380, -17.0765, 110.8195

Monochromacy



Original Color

127.1340, -2.5311, 112.1385

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3240, -1.1457, 40.9349

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1340, -2.5311, 112.1385 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, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 122)  
}
```

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, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 122) }
```

Border

The CSS property to change the border of an element to YUV 127.1340, -2.5311, 112.1385 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, 63, 122) }
```


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

```
.border{ border-color:rgb(255, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 127.1340, -2.5311, 112.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 122) }
```

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

```
.background{ background-color: rgb(255, 63,  
122) }
```

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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