

Converting Colors

YUV(121.7320, -2.8259,
113.3680)

Have a look what the booklet for
YUV(121.7320, -2.8259, 113.3680)
contains.

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Color

**YUV(121.7320, -2.8259,
113.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	FB3974
RGB	251, 57, 116
RGB Percent	98%, 22%, 45%
CMY	0.0157, 0.7765, 0.5451
CMYK	0.00, 0.77, 0.54, 0.02
HSL	342°, 96%, 60%
HSV	342°, 77%, 98%
XYZ	44.3992, 24.6964, 18.9498
YIQ	121.7320, 96.6850, 59.4770

Conversions

Conversions Part 2

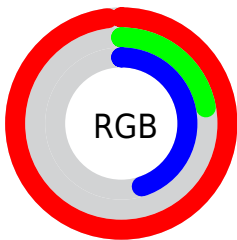
Format	Color
R_{YB}	251, 57, 116
Decimal	16464244
CIE Lab	56.78, 74.26, 13.82
CIE LCh	57, 75.530, 10.540
Yxy	24.6964, 0.5043, 0.2805
Android (android.graphics.Color)	4294654324 (0xFFFB3974)
YUV	121.7320, -2.8259, 113.3680
Hunter-Lab	49.6955, 72.5091, 12.1785

Details

The YUV color **121.7320, -2.8259, 113.3680** 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 **186.2680, 2.8259, -113.3680**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4240, 0.7770, 77.6812**, and **63.9640, 1.9897, 108.7796** is the 20% darker color. If you saturate the color by 10%, you get **105.1190, -3.0167, 127.9376**, and if you desaturate by 10%, it is **138.3450, -2.6351, 98.7984**.

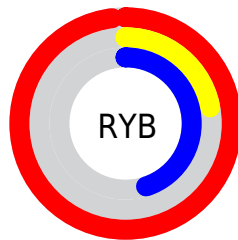
Distribution



Red (98%)

Green (22%)

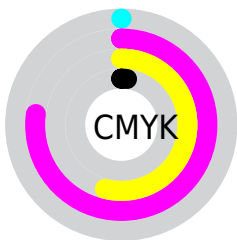
Blue (45%)



Red (98%)

Yellow (22%)

Blue (45%)

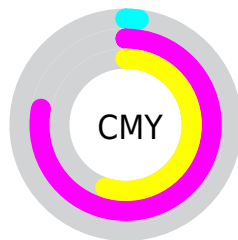


Cyan (0%)

Magenta (77%)

Yellow (54%)

Black (2%)



Cyan (2%)


Magenta (78%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7320, -2.8259, 113.3680 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 121.7320, -2.8259, 113.3680 by changing the saturation by 10% instead.

 121.7320, -2.8259,
113.3680


 121.7320, -2.8259,
113.3680


255.0000, 0.0000,
0.0000


 75.9690, 7.9033,
125.4382


 166.4240, 0.7770,
77.6812


 63.9640, 1.9897,
108.7796


 187.1120, 3.8888,
59.5378


 52.0020, -2.4660,
91.2062


 207.9140, 7.4374,
41.2944

 40.4530, -6.6323,
74.1477

 228.7160, 10.9860,
23.0511

 28.6330, -13.1301,
58.2039

 246.7820, 4.0515,
7.2072

 19.7770, -8.2711,
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 121.7320, -2.8259,
113.3680

■ 121.7320, -2.8259,
113.3680

■ 105.1190, -3.0167,
127.9376

■ 138.3450, -2.6351,
98.7984

■ 88.3920, -3.6443,
142.6072


■ 155.0720, -2.0075,
84.1289

■ 83.7130, -3.8025,
146.7107


■ 171.6850, -1.8167,
69.5593

■ 188.4120, -1.1891,
54.8897

■ 205.6120, -1.2877,
39.8053

 222.3390, -0.6601,
25.1357

 238.9520, -0.4693,
10.5661

 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



131.1950, 25.0469, 86.6520



121.7320, -2.8259, 113.3680



126.2130, -36.0940, 97.1602

Triad

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



121.7320, -2.8259, 113.3680



112.0440, -50.8007, -39.5036



120.0550, 66.5279, -105.2882

Complementary

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



121.7320, -2.8259, 113.3680



186.2680, 2.8259, -113.3680

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.



121.4620, 49.0722, -106.5222



121.7320, -2.8259, 113.3680



105.8270, -8.2957, -92.8103

Square

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



121.7320, -2.8259, 113.3680



125.5240, -61.8833, 15.3265



114.8670, 21.2646, -100.7384



109.4890, 71.7369, -96.0219

Rectangle

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



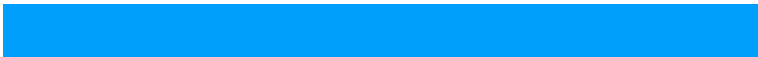
121.7320, -2.8259, 113.3680



126.7950, -62.5099, 76.4788



114.8670, 21.2646, -100.7384



121.9470, 63.6231, -106.9475

Sweetspot

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



121.7320, -2.8259, 113.3680



215.6930, -0.8346, 34.4722



118.8830, 65.1337, 62.3696



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.



121.7320, -2.8259, 113.3680



97.0710, -3.4860, 138.5037



136.1380, -39.0150, 100.7340



116.3430, -0.1691, 7.5922



63.0090, -2.9624, 110.4941



20.4050, -0.6927, 35.6018

Inverse Universe

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



121.7320, -2.8259, 113.3680



97.0710, -3.4860, 138.5037



171.8620, 39.0150, -100.7340



116.3430, -0.1691, 7.5922



63.0090, -2.9624, 110.4941



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 121.7320, -2.8259, 113.3680 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 121.7320, -2.8259, 113.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

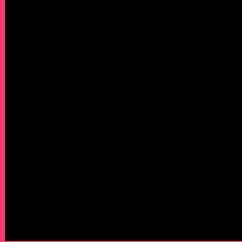
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.7320, -2.8259, 113.3680

Background



This preview shows how black text looks on a background with the YUV color 121.7320, -2.8259, 113.3680.



This preview shows how white text looks on a background with the YUV color 121.7320, -2.8259,

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

121.7320, -2.8259, 113.3680

Protanopia

137.3830, 9.1782, -3.8439

Deuteranopia

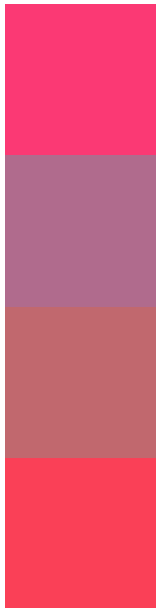
136.9350, -14.7580, 20.2280



Tritanopia

122.4610, -25.3703, 110.9747

Trichromacy



Original Color

121.7320, -2.8259, 113.3680

Protanomaly

131.5070, 4.6800, 39.0204

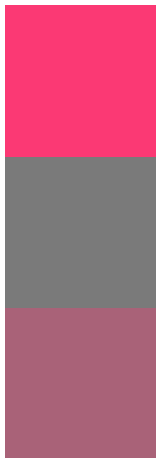
Deuteranomaly

131.2950, -10.4984, 54.1153

Tritanomaly

122.2360, -17.3713, 112.0490

Monochromacy



Original Color

121.7320, -2.8259, 113.3680

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7370, -0.8563, 41.4497

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7320, -2.8259, 113.3680 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(251, 57, 116)` looks like.

```
.text, #text, p{  
    color:rgb(251, 57, 116)  
}
```

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(251, 57, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 57, 116) }
```

Border

The CSS property to change the border of an element to YUV 121.7320, -2.8259, 113.3680 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(251, 57, 116) }
```


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

```
.border{ border-color:rgb(251, 57, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 57, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 57, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 57, 116);  
box-shadow:4px 4px 4px 4px rgb(251, 57,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 121.7320, -2.8259, 113.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 57, 116) }
```

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

```
.background{ background-color: rgb(251, 57,  
116) }
```

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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