

Converting Colors

YUV(120.8520, -4.8570,
111.5088)

Have a look what the booklet for
YUV(120.8520, -4.8570, 111.5088)
contains.

YUV(120.8520, -4.8570, 111.5088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.8520, -4.8570,
111.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	F83A6F
RGB	248, 58, 111
RGB Percent	97%, 23%, 44%
CMY	0.0275, 0.7725, 0.5647
CMYK	0.00, 0.77, 0.55, 0.03
HSL	343°, 93%, 60%
HSV	343°, 77%, 97%
XYZ	43.0937, 24.1303, 17.4252
YIQ	120.8520, 96.2270, 56.7630

Conversions

Conversions Part 2

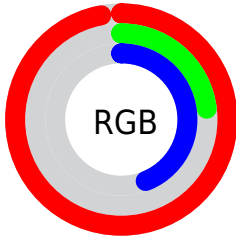
Format	Color
R_{YB}	248, 58, 111
Decimal	16267887
CIE _{Lab}	56.22, 72.83, 15.93
CIE _{LCh}	56, 74.553, 12.337
Yxy	24.1303, 0.5091, 0.2851
Android (android.graphics.Color)	4294457967 (0xFFFF83A6F)
YUV	120.8520, -4.8570, 111.5088
Hunter-Lab	49.1226, 70.6280, 13.3539

Details

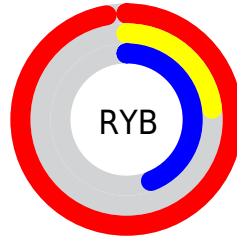
The YUV color **120.8520, -4.8570, 111.5088** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **185.1480, 4.8570, -111.5088**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7400, -1.8438, 78.2810**, and **62.6110, 0.6848, 107.3352** is the 20% darker color. If you saturate the color by 10%, you get **104.1250, -5.4846, 126.1784**, and if you desaturate by 10%, it is **137.5790, -4.2294, 96.8392**.

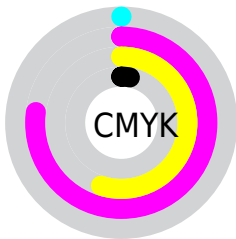
Distribution



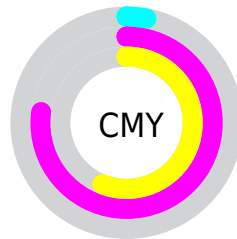
- Red (97%)
- Green (23%)
- Blue (44%)



- Red (97%)
- Yellow (23%)
- Blue (44%)



- Cyan (0%)
- Magenta (77%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8520, -4.8570, 111.5088 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 120.8520, -4.8570, 111.5088 by changing the saturation by 10% instead.


 120.8520, -4.8570,
111.5088

 120.8520, -4.8570,
111.5088


255.0000, 0.0000,
0.0000

 77.4370, 4.7146,
121.5198


 165.7400, -1.8438,
78.2810

 62.6110, 0.6848,
107.3352


 186.4280, 1.2680,
60.1376


 50.8340, -4.3552,
90.4766


 207.2300, 4.8166,
41.8943

 39.3990, -8.0847,
73.3181

 227.4450, 8.6546,
24.1657

 27.7360, -12.6878,
56.3595

 246.1950, 4.3409,
7.7220

 18.8800, -7.8288,
37.8162

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 120.8520, -4.8570,
111.5088

■ 120.8520, -4.8570,
111.5088

■ 104.1250, -5.4846,
126.1784

■ 137.5790, -4.2294,
96.8392

■ 87.3980, -6.1122,
140.8480

■ 154.3060, -3.6019,
82.1696

■ 82.0180, -6.4179,
145.5662

■ 170.4460, -2.6849,
68.0149

■ 187.1730, -2.0573,
53.3453

■ 203.7860, -1.8665,
38.7757

■ 220.5130, -1.2389,
24.1061

■ 237.2400, -0.6113,
9.4365

■ 252.7930, 0.5951,
-4.2035

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



129.3370, 23.0049, 88.2815



120.8520, -4.8570, 111.5088



125.7350, -37.8304, 94.0714

Triad

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



120.8520, -4.8570, 111.5088



110.5040, -45.1115, -44.2920



118.8810, 67.1067, -104.2586

Complementary

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



120.8520, -4.8570, 111.5088



185.1480, 4.8570, -111.5088

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.



120.2880, 49.6510, -105.4926



120.8520, -4.8570, 111.5088



105.1090, -5.9697, -92.1806

Square

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



120.8520, -4.8570, 111.5088



123.4420, -60.8569, 12.7674



114.0350, 23.1537, -100.0087



107.7280, 72.6051, -94.4775

Rectangle

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



120.8520, -4.8570, 111.5088



125.8870, -62.0623, 72.8901



114.0350, 23.1537, -100.0087



120.6590, 63.7651, -105.8179

Sweetspot

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



120.8520, -4.8570, 111.5088



215.5790, -1.2714, 34.5722



120.3240, 62.9443, 64.6139



103.9040, -0.9387, 21.1322



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.



120.8520, -4.8570, 111.5088



97.7890, -5.8120, 137.8740



138.8770, -39.8724, 95.7009



116.3430, -0.1691, 7.5922



62.5530, -4.7096, 110.8940



20.1770, -1.5663, 35.8018

Inverse Universe

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



120.8520, -4.8570, 111.5088



97.7890, -5.8120, 137.8740



167.1230, 39.8724, -95.7009



116.3430, -0.1691, 7.5922



62.5530, -4.7096, 110.8940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 120.8520, -4.8570, 111.5088 looks on a white background.

Color Contrast Check

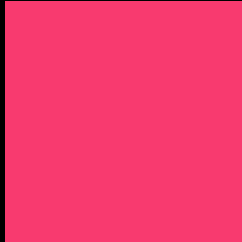
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8520, -4.8570, 111.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

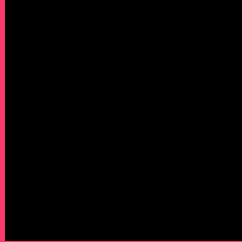
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.8520, -4.8570, 111.5088

Background



This preview shows how black text looks on a background with the YUV color 120.8520, -4.8570, 111.5088.



This preview shows how white text looks on a background with the YUV color 120.8520, -4.8570,

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

120.8520, -4.8570, 111.5088

Protanopia

135.4110, 6.6994, -2.1144

Deuteranopia

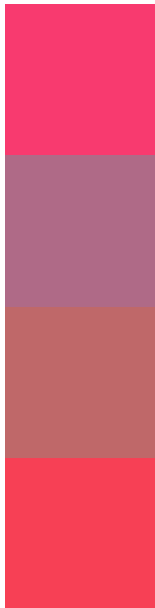
135.4790, -16.5051, 20.6279



Tritanopia

121.4500, -25.3649, 109.2304

Trichromacy



Original Color

120.8520, -4.8570, 111.5088

Protanomaly

129.9370, 2.4961, 39.5203

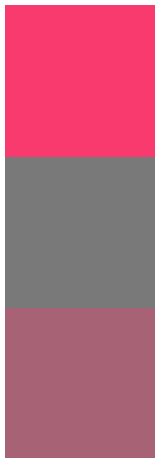
Deuteranomaly

130.1270, -12.3876, 53.3856

Tritanomaly

121.1110, -17.8027, 110.4047

Monochromacy



Original Color

120.8520, -4.8570, 111.5088

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7970, -1.8719, 40.5200

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8520, -4.8570, 111.5088 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(248, 58, 111)` looks like.

```
.text, #text, p{  
    color:rgb(248, 58, 111)  
}
```

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(248, 58, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 58, 111) }
```

Border

The CSS property to change the border of an element to YUV 120.8520, -4.8570, 111.5088 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(248, 58, 111) }
```


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

```
.border{ border-color:rgb(248, 58, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 58, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 58, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 58, 111);  
box-shadow:4px 4px 4px 4px rgb(248, 58,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 120.8520, -4.8570, 111.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 58, 111) }
```

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

```
.background{ background-color: rgb(248, 58,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor