

# Converting Colors

YUV(106.4720, 15.0503,  
119.7351)

Have a look what the booklet for  
YUV(106.4720, 15.0503, 119.7351)  
contains.

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# Color

**YUV(106.4720, 15.0503,  
119.7351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F31F89
RGB	243, 31, 137
RGB Percent	95%, 12%, 54%
CMY	0.0471, 0.8784, 0.4627
CMYK	0.00, 0.87, 0.44, 0.05
HSL	330°, 90%, 54%
HSV	330°, 87%, 95%
XYZ	41.9675, 21.8408, 25.6707
YIQ	106.4720, 92.3260, 77.9100

# Conversions

## Conversions Part 2

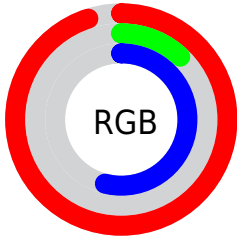
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 31, 137
Decimal	15933321
CIE <sub>Lab</sub>	53.86, 79.63, -3.11
CIE <sub>LCh</sub>	54, 79.690, 357.764
Yxy	21.8408, 0.4690, 0.2441
Android (android.graphics.Color)	4294123401 (0xFFFF31F89)
YUV	106.4720, 15.0503, 119.7351
Hunter-Lab	46.7341, 78.5091, 0.1464

# Details

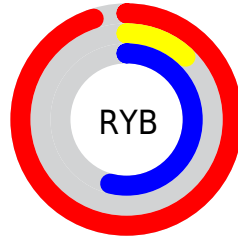
The YUV color **106.4720, 15.0503, 119.7351** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **167.5280, -15.0503, -119.7351**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1270, 14.7274, 83.2036**, and **64.0370, 11.3208, 102.5766** is the 20% darker color. If you saturate the color by 10%, you get **91.0160, 16.7541, 133.2900**, and if you desaturate by 10%, it is **121.9280, 13.3465, 106.1801**.

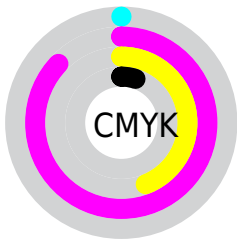
# Distribution



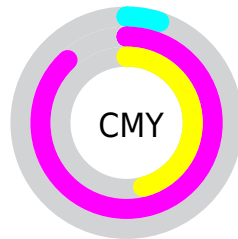
- Red (95%)
- Green (12%)
- Blue (54%)



- Red (95%)
- Yellow (12%)
- Blue (54%)



- Cyan (0%)
- Magenta (87%)
- Yellow (44%)
- Black (5%)




- Cyan (5%)
- Magenta (88%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 106.4720, 15.0503, 119.7351 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 106.4720, 15.0503, 119.7351 by changing the saturation by 10% instead.





 106.4720, 15.0503,  
119.7351


 106.4720, 15.0503,  
119.7351

255.0000, 0.0000,  
0.0000


 76.1560, 17.6711,  
119.1352


 160.1270, 14.7274,  
83.2036


 64.0370, 11.3208,  
102.5766


 181.5160, 17.9866,  
64.4455


 52.1460, 5.8440,  
85.8180


 202.3180, 21.5352,  
46.2021

 40.4830, 1.2409,  
68.8594

 220.9540, 16.7847,  
29.8583

 29.4180, -3.6571,  
53.1304

 239.1510, 7.8136,  
13.8996

 18.2820, -7.5340,  
36.5867

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,  
0.0000

■ 106.4720, 15.0503,  
119.7351

■ 106.4720, 15.0503,  
119.7351

■ 91.0160, 16.7541,  
133.2900

■ 121.9280, 13.3465,  
106.1801

■ 86.4510, 17.0327,  
137.2935

■ 137.9710, 11.3533,  
92.1104

■ 153.4270, 9.6495,  
78.5555

■ 168.9970, 8.3825,  
64.9006

■ 184.4530, 6.6787,  
51.3457

■ 200.4960, 4.6855,  
37.2760

■ 215.9520, 2.9817,  
23.7211

■ 231.4080, 1.2779,  
10.1662

■ 247.4510, -0.7153,  
-3.9035

# Harmonies

## Analogous

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



126.4020, 37.7628, 68.0534



106.4720, 15.0503, 119.7351



110.8620, -20.1450, 115.0080

# Triad

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



106.4720, 15.0503, 119.7351



111.7480, -55.0918, -16.4420



117.7410, 62.7387, -103.2589

# Complementary

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



106.4720, 15.0503, 119.7351



167.5280, -15.0503, -119.7351

# 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.



114.5200, 37.7046, -100.4340



106.4720, 15.0503, 119.7351



95.1690, -23.7473, -83.4632

# Square

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



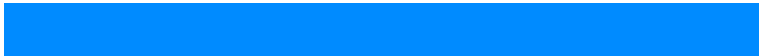
106.4720, 15.0503, 119.7351



120.6280, -59.4696, 34.5292



105.9530, 7.4182, -92.9208



110.6630, 71.1581, -97.0515



# Rectangle

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



106.4720, 15.0503, 119.7351



116.9170, -47.2871, 93.9118



105.9530, 7.4182, -92.9208



117.7920, 55.3185, -103.3036

# Sweetspot

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



106.4720, 15.0503, 119.7351



212.4960, 4.6855, 37.2760



86.8620, 76.9760, 43.9710



102.2400, 2.8397, 22.5915



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.



106.4720, 15.0503, 119.7351



90.8370, 18.3214, 143.9710



94.3880, -31.2503, 130.3327



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725



# Inverse Universe

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



106.4720, 15.0503, 119.7351



90.8370, 18.3214, 143.9710



179.6120, 31.2503, -130.3327



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725



# Previews

## White Background



This preview shows how the YUV color 106.4720, 15.0503, 119.7351 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

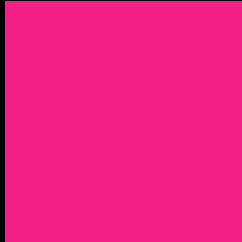
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.4720, 15.0503, 119.7351 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 106.4720, 15.0503, 119.7351 Background



This preview shows how black text looks on a background with the YUV color 106.4720, 15.0503, 119.7351.



This preview shows how white text looks on a background with the YUV color 106.4720, 15.0503, 119.7351.



# 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

106.4720, 15.0503, 119.7351

### Protanopia

128.5440, 31.7768, -18.8941

### Deuteranopia

130.6100, -1.7797, 10.8660



## Tritanopia

113.7490, -25.5123, 109.8451

# Trichromacy



## Original Color

106.4720, 15.0503, 119.7351



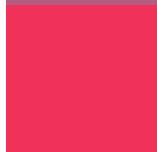
## Protanomaly

120.3700, 25.9466, 31.2475



## Deuteranomaly

121.8720, 4.5001, 50.1013



## Tritanomaly

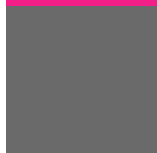
110.6690, -10.6828, 113.4233

# Monochromacy



## Original Color

106.4720, 15.0503, 119.7351



## Achromatopsia

106.0000, 0.0000, 0.0000



## Achromatomaly

106.3550, 5.2480, 43.5387

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.4720, 15.0503, 119.7351 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(243, 31, 137)` looks like.

```
.text, #text, p{  
    color:rgb(243, 31, 137)  
}
```

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(243, 31, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 31, 137) }
```

## Border

The CSS property to change the border of an element to YUV 106.4720, 15.0503, 119.7351 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(243, 31, 137) }
```



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

```
.border{ border-color:rgb(243, 31, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 31, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 31, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 31, 137); box-shadow:4px 4px 4px 4px rgb(243, 31, 137) }
```

# Background

The CSS property to change the background color of an element to YUV 106.4720, 15.0503, 119.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 31, 137) }
```

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

```
.background{ background-color: rgb(243, 31,  
137) }
```

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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