

Converting Colors

YUV(126.4760, 15.5413,
102.1915)

Have a look what the booklet for
YUV(126.4760, 15.5413, 102.1915)
contains.

YUV(126.4760, 15.5413, 102.1915)	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(126.4760, 15.5413,
102.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	F33D9E
RGB	243, 61, 158
RGB Percent	95%, 24%, 62%
CMY	0.0471, 0.7608, 0.3804
CMYK	0.00, 0.75, 0.35, 0.05
HSL	328°, 88%, 60%
HSV	328°, 75%, 95%
XYZ	44.8024, 24.8608, 34.7850
YIQ	126.4760, 77.3350, 68.7510

Conversions

Conversions Part 2

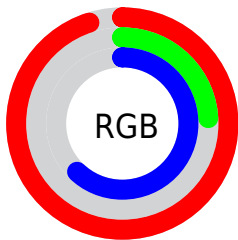
Format	Color
R _Y B	243, 61, 158
Decimal	15941022
CIE Lab	56.94, 74.73, -10.96
CIE LCh	57, 75.532, 351.653
Yxy	24.8608, 0.4289, 0.2380
Android (android.graphics.Color)	4294131102 (0xFFFF33D9E)
YUV	126.4760, 15.5413, 102.1915
Hunter-Lab	49.8606, 73.1359, -6.4610

Details

The YUV color **126.4760, 15.5413, 102.1915** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **177.5240, -15.5413, -102.1915**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3150, 19.5647, 71.6377**, and **66.6160, 19.9093, 101.1918** is the 20% darker color. If you saturate the color by 10%, you get **111.1340, 17.6819, 115.6465**, and if you desaturate by 10%, it is **141.8180, 13.4007, 88.7366**.

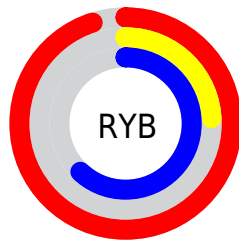
Distribution



Red (95%)

Green (24%)

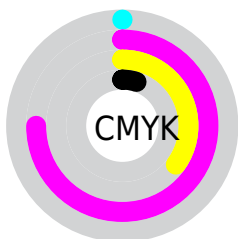
Blue (62%)



Red (95%)

Yellow (24%)

Blue (62%)

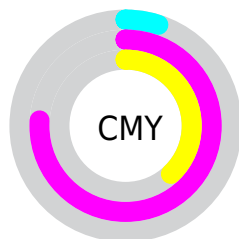


Cyan (0%)

Magenta (75%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (76%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.4760, 15.5413, 102.1915 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 126.4760, 15.5413, 102.1915 by changing the saturation by 10% instead.


 126.4760, 15.5413,
102.1915


 126.4760, 15.5413,
102.1915


255.0000, 0.0000,
0.0000


 86.0670, 22.6450,
110.4432


 173.3150, 19.5647,
71.6377


 66.6160, 19.9093,
101.1918


 194.1170, 23.1133,
53.3944


 54.7960, 13.4116,
85.2479


 212.7360, 20.8362,
37.0655

 43.2040, 7.7874,
69.1041

 230.3460, 12.1544,
21.6216

 32.1390, 2.8895,
53.3751

 247.9560, 3.4727,
6.1776

 21.2590, -2.5927,
38.3609

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 126.4760, 15.5413,
102.1915

■ 126.4760, 15.5413,
102.1915

■ 111.1340, 17.6819,
115.6465

■ 141.8180, 13.4007,
88.7366

■ 95.0910, 19.6751,
129.7162

■ 157.8610, 11.4075,
74.6669

■ 87.4770, 20.9638,
136.3937

■ 173.2030, 9.2669,
61.2120

■ 188.5450, 7.1263,
47.7570

■ 204.0010, 5.4225,
34.2021

219.9300, 2.9925,
20.2324

235.2720, 0.8519,
6.7775

250.7280, -0.8519,
-6.7775

251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



138.7480, 39.5642, 50.2100



126.4760, 15.5413, 102.1915



123.5070, -15.0400, 110.9344

Triad

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



126.4760, 15.5413, 102.1915



122.4570, -60.3713, -3.0318



122.4540, 57.9502, -107.3922

Complementary

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



126.4760, 15.5413, 102.1915



177.5240, -15.5413, -102.1915

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.



118.4180, 32.3319, -103.8526



126.4760, 15.5413, 102.1915



98.5770, -25.9205, -86.4520

Square

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



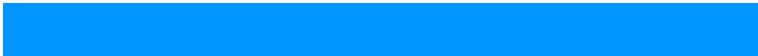
126.4760, 15.5413, 102.1915



128.3690, -63.2859, 45.2804



109.3780, 2.7716, -95.9245



117.1200, 67.9748, -102.7142

Rectangle

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



126.4760, 15.5413, 102.1915



127.1590, -37.5464, 96.3306



109.3780, 2.7716, -95.9245



121.6900, 49.9458, -106.7221

Sweetspot

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



126.4760, 15.5413, 102.1915



219.1640, 4.8491, 31.4282



107.1630, 66.9676, 34.0600



106.2180, 2.8505, 19.1028



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.



126.4760, 15.5413, 102.1915



107.7920, 19.8225, 129.1014



116.1020, -24.2073, 111.2895



114.3860, 1.2887, 6.6775



66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Inverse Universe

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



126.4760, 15.5413, 102.1915



107.7920, 19.8225, 129.1014



187.8980, 24.2073, -111.2895



114.3860, 1.2887, 6.6775



66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 126.4760, 15.5413, 102.1915 looks on a white background.

Color Contrast Check

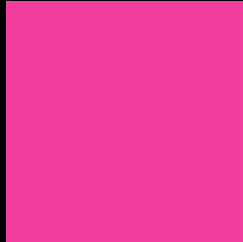
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4760, 15.5413, 102.1915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

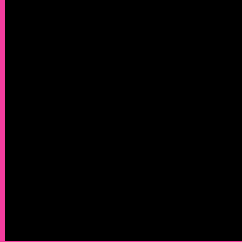
Any Text WCAG AA ✓ Pass

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 126.4760, 15.5413, 102.1915 Background



This preview shows how black text looks on a background with the YUV color 126.4760, 15.5413, 102.1915.



This preview shows how white text looks on a background with the YUV color 126.4760, 15.5413, 102.1915.

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

126.4760, 15.5413, 102.1915

Protanopia

136.1460, 35.4240, -22.0530

Deuteranopia

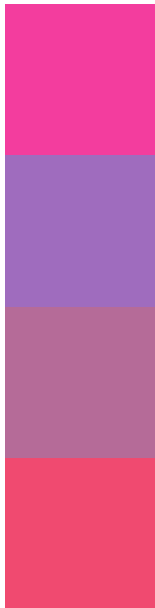
138.4120, 5.2199, 5.7777



Tritanopia

129.1000, -21.2483, 95.5053

Trichromacy



Original Color

126.4760, 15.5413, 102.1915

Protanomaly

132.5970, 28.2997, 23.1554

Deuteranomaly

134.2560, 8.7478, 40.9945

Tritanomaly

127.9660, -7.8712, 98.2538

Monochromacy



Original Color

126.4760, 15.5413, 102.1915

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1370, 5.8485, 37.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4760, 15.5413, 102.1915 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, 61, 158)` looks like.

```
.text, #text, p{  
    color:rgb(243, 61, 158)  
}
```

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, 61, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 61, 158) }
```

Border

The CSS property to change the border of an element to YUV 126.4760, 15.5413, 102.1915 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, 61, 158) }
```


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

```
.border{ border-color:rgb(243, 61, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 61, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 61, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 61, 158);  
box-shadow:4px 4px 4px 4px rgb(243, 61,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 126.4760, 15.5413, 102.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 61, 158) }
```

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

```
.background{ background-color: rgb(243, 61,  
158) }
```

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