

Converting Colors

YUV(123.5540, 7.1219, 95.9841)

Have a look what the booklet for
YUV(123.5540, 7.1219, 95.9841)
contains.

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Color

**YUV(123.5540, 7.1219,
95.9841)**

Conversions

Conversions Part 1

Format	Color
Hex	E9418A
RGB	233, 65, 138
RGB Percent	91%, 25%, 54%
CMY	0.0863, 0.7451, 0.4588
CMYK	0.00, 0.72, 0.41, 0.09
HSL	334°, 79%, 58%
HSV	334°, 72%, 91%
XYZ	40.0820, 22.9392, 26.3599
YIQ	123.5540, 76.6950, 58.3190

Conversions

Conversions Part 2

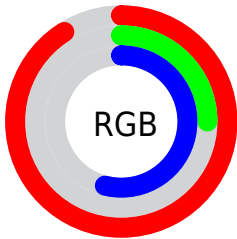
Format	Color
R_{YB}	233, 65, 138
Decimal	15286666
CIE Lab	55.01, 68.87, -2.22
CIE LCh	55, 68.910, 358.154
Yxy	22.9392, 0.4484, 0.2566
Android (android.graphics.Color)	4293476746 (0xFFE9418A)
YUV	123.5540, 7.1219, 95.9841
Hunter-Lab	47.8949, 65.5660, 0.8950

Details

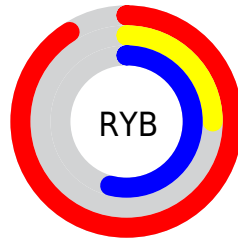
The YUV color **123.5540, 7.1219, 95.9841** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle muted rose. A complement of this color would be **174.4460, -7.1219, -95.9841**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3940, 9.6658, 73.3225**, and **61.4600, 13.0842, 96.9436** is the 20% darker color. If you saturate the color by 10%, you get **108.5710, 8.0995, 109.1242**, and if you desaturate by 10%, it is **138.5370, 6.1443, 82.8441**.

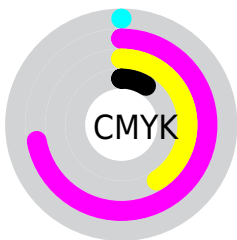
Distribution



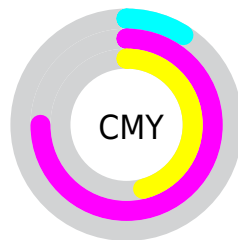
- Red (91%)
- Green (25%)
- Blue (54%)



- Red (91%)
- Yellow (25%)
- Blue (54%)



- Cyan (0%)
- Magenta (72%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (75%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.5540, 7.1219, 95.9841 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 123.5540, 7.1219, 95.9841 by changing the saturation by 10% instead.


 123.5540, 7.1219,
95.9841


 123.5540, 7.1219,
95.9841

255.0000, 0.0000,
0.0000


 89.1290, 11.7684,
98.9879

 171.3940, 9.6658,
73.3225


 61.4600, 13.0842,
96.9436


 191.6090, 13.5038,
55.5939


 49.8680, 7.4601,
80.7998


 212.5250, 17.4892,
37.2506

 38.6890, 2.1253,
65.1707

 230.3460, 12.1544,
21.6216

 27.4390, -2.1884,
48.7270

 247.9560, 3.4727,
6.1776

 16.6730, -7.2338,
33.6128

 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 123.5540, 7.1219,
95.9841

■ 123.5540, 7.1219,
95.9841

■ 108.5710, 8.0995,
109.1242

■ 138.5370, 6.1443,
82.8441

■ 93.0010, 9.3665,
122.7791


■ 154.1070, 4.8772,
69.1892


■ 81.1810, 9.7708,
133.1453


■ 169.2040, 4.3364,
55.9491

■ 184.1870, 3.3588,
42.8090

■ 199.1700, 2.3812,
29.6689

 214.7400, 1.1142,
16.0140

 229.7230, 0.1366,
2.8739

 244.7060, -0.8411,
-10.2662

 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



132.9140, 31.1014, 57.9574



123.5540, 7.1219, 95.9841



122.6980, -21.5431, 96.7349

Triad

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



123.5540, 7.1219, 95.9841



115.3250, -56.8552, -10.8090



116.3730, 57.4971, -102.0591

Complementary

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



123.5540, 7.1219, 95.9841



174.4460, -7.1219, -95.9841

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.



114.0640, 35.9574, -100.0341



123.5540, 7.1219, 95.9841



97.6940, -16.6111, -85.6776

Square

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



123.5540, 7.1219, 95.9841



123.5740, -60.9220, 33.6996



107.1100, 9.3128, -93.9355



110.9080, 69.5584, -97.2663

Rectangle

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



123.5540, 7.1219, 95.9841



125.1480, -40.9920, 81.4312



107.1100, 9.3128, -93.9355



116.6520, 50.9506, -102.3038

Sweetspot

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



123.5540, 7.1219, 95.9841



218.4800, 2.2284, 32.0280



111.6600, 59.8206, 39.7632



105.8760, 1.5401, 19.4027



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.



123.5540, 7.1219, 95.9841



110.4360, 9.6451, 126.7826



119.9280, -27.0795, 99.1641



109.8590, 0.5625, 6.2627



63.1250, 7.8264, 103.3764



18.7680, 2.0864, 30.8985

Inverse Universe

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



123.5540, 7.1219, 95.9841



110.4360, 9.6451, 126.7826



178.0720, 27.0795, -99.1641



109.8590, 0.5625, 6.2627



63.1250, 7.8264, 103.3764



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 123.5540, 7.1219, 95.9841 looks on a white background.

Color Contrast Check

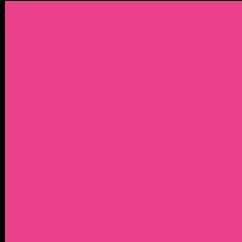
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5540,
7.1219, 95.9841 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 123.5540, 7.1219, 95.9841

Background



This preview shows how black text looks on a background with the YUV color 123.5540, 7.1219, 95.9841.



This preview shows how white text looks on a background with the YUV color 123.5540, 7.1219,

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

123.5540, 7.1219, 95.9841

Protanopia

131.9980, 23.1720, -12.2762

Deuteranopia

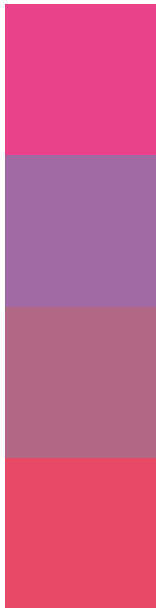
133.6100, -1.7797, 10.8660



Tritanopia

124.3060, -20.3639, 91.8166

Trichromacy



Original Color

123.5540, 7.1219, 95.9841

Protanomaly

128.7580, 17.3743, 27.3992

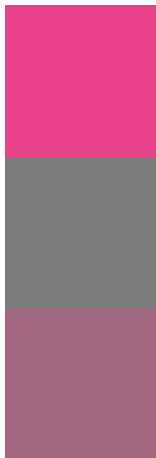
Deuteranomaly

130.0190, 1.4696, 42.0793

Tritanomaly

123.9500, -10.3284, 93.0058

Monochromacy



Original Color

123.5540, 7.1219, 95.9841

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2030, 2.3649, 34.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5540, 7.1219, 95.9841 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(233, 65, 138)` looks like.

```
.text, #text, p{  
    color:rgb(233, 65, 138)  
}
```

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(233, 65, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 65, 138) }
```

Border

The CSS property to change the border of an element to YUV 123.5540, 7.1219, 95.9841 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(233, 65, 138) }
```


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

```
.border{ border-color:rgb(233, 65, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 65, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 65, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 65, 138);  
box-shadow:4px 4px 4px 4px rgb(233, 65,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 123.5540, 7.1219, 95.9841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 65, 138) }
```

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

```
.background{ background-color: rgb(233, 65,  
138) }
```

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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