

# Converting Colors

YUV(121.8640, 6.9690, 98.3433)

Have a look what the booklet for  
YUV(121.8640, 6.9690, 98.3433)  
contains.

<b>YUV(121.8640, 6.9690, 98.3433)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(121.8640, 6.9690,  
98.3433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA3E88
RGB	234, 62, 136
RGB Percent	92%, 24%, 53%
CMY	0.0824, 0.7569, 0.4667
CMYK	0.00, 0.74, 0.42, 0.08
HSL	334°, 80%, 58%
HSV	334°, 74%, 92%
XYZ	40.0982, 22.7152, 25.5636
YIQ	121.8640, 78.7580, 59.4780

# Conversions

## Conversions Part 2

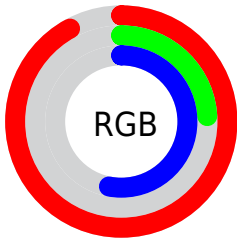
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 62, 136
Decimal	15351432
CIE <sub>Lab</sub>	54.78, 69.92, -1.35
CIE <sub>LCh</sub>	55, 69.937, 358.893
Yxy	22.7152, 0.4537, 0.2570
Android (android.graphics.Color)	4293541512 (0xFFEA3E88)
YUV	121.8640, 6.9690, 98.3433
Hunter-Lab	47.6605, 66.7716, 1.5610

# Details

The YUV color **121.8640, 6.9690, 98.3433** 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 **174.1360, -6.9690, -98.3433**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9920, 9.3709, 74.5520**, and **61.5310, 12.0632, 97.7583** is the 20% darker color. If you saturate the color by 10%, you get **106.8810, 7.9467, 111.4834**, and if you desaturate by 10%, it is **136.8470, 5.9914, 85.2032**.

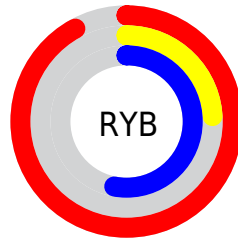
# Distribution



Red (92%)

Green (24%)

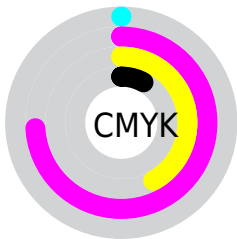
Blue (53%)



Red (92%)

Yellow (24%)

Blue (53%)

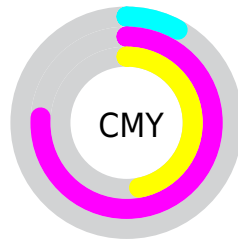


Cyan (0%)

Magenta (74%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (76%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8640, 6.9690, 98.3433 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 121.8640, 6.9690, 98.3433 by changing the saturation by 10% instead.





 121.8640, 6.9690,  
98.3433


 121.8640, 6.9690,  
98.3433

255.0000, 0.0000,  
0.0000


 85.0910, 12.7731,  
103.4062

 169.9920, 9.3709,  
74.5520


 61.5310, 12.0632,  
97.7583


 190.2070, 13.2089,  
56.8235


 49.9390, 6.4391,  
81.6145


 211.0090, 16.7576,  
38.5801

 38.5750, 1.6885,  
65.2707

 229.1720, 12.7332,  
22.6512

 27.5100, -3.2094,  
49.5417

 246.7820, 4.0515,  
7.2072

 16.6730, -7.2338,  
33.6128

 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,  
0.0000

■ 121.8640, 6.9690,  
98.3433

■ 121.8640, 6.9690,  
98.3433

■ 106.8810, 7.9467,  
111.4834

■ 136.8470, 5.9914,  
85.2032

■ 91.1970, 8.7769,  
125.2382

■ 152.5310, 5.1612,  
71.4483

■ 81.4800, 9.6234,  
133.7600

■ 167.5140, 4.1836,  
58.3082

■ 183.0840, 2.9166,  
44.6533

■ 198.1810, 2.3758,  
31.4133

213.1640, 1.3981,  
18.2732

228.7340, 0.1311,  
4.6183

243.8310, -0.4097,  
-8.6218

248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



131.9250, 31.0960, 59.7018



121.8640, 6.9690, 98.3433



121.8830, -22.1273, 97.4496

# Triad

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



121.8640, 6.9690, 98.3433



114.4280, -56.4130, -12.6534



116.6010, 58.3707, -102.2591

# Complementary

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



121.8640, 6.9690, 98.3433



174.1360, -6.9690, -98.3433

# 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.



114.1780, 36.3942, -100.1341



121.8640, 6.9690, 98.3433



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.



121.8640, 6.9690, 98.3433



122.9760, -60.6272, 32.4700



107.2240, 9.7496, -94.0354



110.4350, 70.2845, -96.8515



# Rectangle

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



121.8640, 6.9690, 98.3433



123.9200, -41.8656, 81.6312



107.2240, 9.7496, -94.0354



116.2930, 52.1136, -101.9890

# Sweetspot

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



121.8640, 6.9690, 98.3433



218.4800, 2.2284, 32.0280



110.6110, 60.8308, 42.4372



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.



121.8640, 6.9690, 98.3433



108.9200, 8.9134, 128.1122



119.8850, -28.5373, 100.0789



109.8590, 0.5625, 6.2627



63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985



# Inverse Universe

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



121.8640, 6.9690, 98.3433



108.9200, 8.9134, 128.1122



176.1150, 28.5373, -100.0789



109.8590, 0.5625, 6.2627



63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985



# Previews

## White Background



This preview shows how the YUV color 121.8640, 6.9690, 98.3433 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

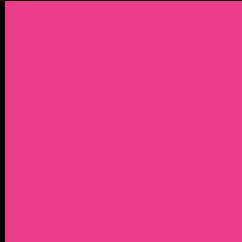
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 121.8640, 6.9690, 98.3433 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

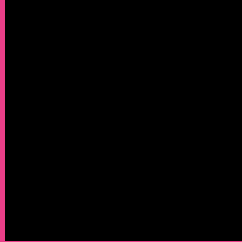
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.8640, 6.9690, 98.3433

## Background



This preview shows how black text looks on a background with the YUV color 121.8640, 6.9690, 98.3433.



This preview shows how white text looks on a background with the YUV color 121.8640, 6.9690,



# 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

121.8640, 6.9690, 98.3433

### Protanopia

131.8840, 22.7352, -12.1763

### Deuteranopia

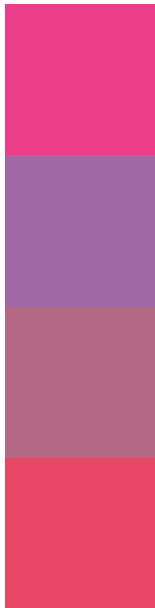
132.6810, -2.8007, 11.6808



## Tritanopia

122.6160, -20.5167, 94.1758

# Trichromacy



## Original Color

121.8640, 6.9690, 98.3433

## Protanomaly

128.0570, 17.2269, 28.0140

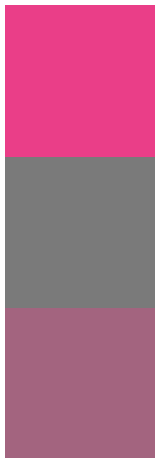
## Deuteranomaly

128.5030, 0.7380, 43.4089

## Tritanomaly

122.2600, -10.4812, 95.3650

# Monochromacy



## Original Color

121.8640, 6.9690, 98.3433

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.9150, 2.5069, 36.0315

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8640, 6.9690, 98.3433 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(234, 62, 136)` looks like.

```
.text, #text, p{  
    color:rgb(234, 62, 136)  
}
```

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(234, 62, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 62, 136) }
```

## Border

The CSS property to change the border of an element to YUV 121.8640, 6.9690, 98.3433 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(234, 62, 136) }
```



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

```
.border{ border-color:rgb(234, 62, 136) }
```

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

Here you see how a box with a 4 pixel rgb(234, 62, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 62, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 62, 136);  
box-shadow:4px 4px 4px 4px rgb(234, 62,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 121.8640, 6.9690, 98.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 62, 136) }
```

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

```
.background{ background-color: rgb(234, 62,  
136) }
```

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