

# Converting Colors

YUV(126.1060, -3.5033,  
97.2540)

Have a look what the booklet for  
YUV(126.1060, -3.5033, 97.2540)  
contains.

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# Color

**YUV(126.1060, -3.5033,  
97.2540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED4777
RGB	237, 71, 119
RGB Percent	93%, 28%, 47%
CMY	0.0706, 0.7216, 0.5333
CMYK	0.00, 0.70, 0.50, 0.07
HSL	343°, 82%, 60%
HSV	343°, 70%, 93%
XYZ	40.5081, 23.8429, 19.9199
YIQ	126.1060, 83.5280, 50.1200

# Conversions

## Conversions Part 2

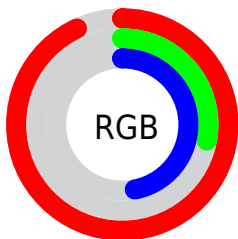
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 71, 119
Decimal	15550327
CIE Lab	55.93, 66.23, 10.48
CIE LCh	56, 67.054, 8.992
Yxy	23.8429, 0.4807, 0.2829
Android (android.graphics.Color)	4293740407 (0xFFED4777)
YUV	126.1060, -3.5033, 97.2540
Hunter-Lab	48.8292, 62.6301, 9.9931

# Details

The YUV color **126.1060, -3.5033, 97.2540** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **181.8940, 3.5033, -97.2540**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0490, -0.5172, 72.7480**, and **60.4190, 5.2164, 100.4875** is the 20% darker color. If you saturate the color by 10%, you get **110.0800, -3.9834, 111.3088**, and if you desaturate by 10%, it is **142.1320, -3.0231, 83.1992**.

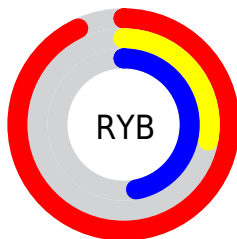
# Distribution



Red (93%)

Green (28%)

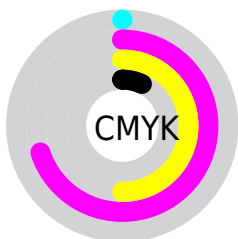
Blue (47%)



Red (93%)

Yellow (28%)

Blue (47%)

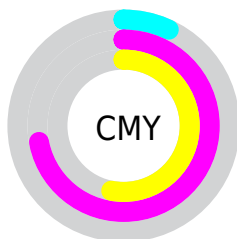


Cyan (0%)

Magenta (70%)

Yellow (50%)

Black (7%)



Cyan (7%)

Magenta (72%)


Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.1060, -3.5033, 97.2540 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 126.1060, -3.5033, 97.2540 by changing the saturation by 10% instead.




 126.1060, -3.5033,  
97.2540

 126.1060, -3.5033,  
97.2540


255.0000, 0.0000,  
0.0000

 93.4420, 0.2751,  
98.7134


 172.0490, -0.5172,  
72.7480


 60.4190, 5.2164,  
100.4875


 192.1500, 2.8841,  
55.1195


 48.9410, 0.0291,  
84.2437


 212.3650, 6.7221,  
37.3909

 37.6910, -4.2847,  
67.8000

 232.6940, 10.9969,  
19.5624

 25.8280, -12.2402,  
52.7708

 250.3040, 2.3151,  
4.1184

 16.9720, -7.3812,  
34.2276

 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,  
0.0000

■ 126.1060, -3.5033,  
97.2540

■ 126.1060, -3.5033,  
97.2540

■ 110.0800, -3.9834,  
111.3088

■ 142.1320, -3.0231,  
83.1992

■ 94.6410, -4.7530,  
124.8488

■ 157.5710, -2.2535,  
69.6592

■ 78.7290, -4.7964,  
138.8037

■ 173.5970, -1.7733,  
55.6044

■ 189.5090, -1.7299,  
41.6496

■ 204.9480, -0.9604,  
28.1096

220.9740, -0.4802,  
14.0548

237.0000, 0.0000,  
0.0000

249.5040, 2.2165,  
-10.9660

249.6180, 2.6533,  
-11.0660

# Harmonies

## Analogous

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



132.8960, 21.7433, 72.8822



126.1060, -3.5033, 97.2540



127.2980, -31.6989, 87.4387

# Triad

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



126.1060, -3.5033, 97.2540



116.2760, -42.5341, -30.9371



116.3390, 62.4439, -102.0293

# Complementary

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



126.1060, -3.5033, 97.2540



181.8940, 3.5033, -97.2540

# 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.



116.8170, 43.9672, -102.4485



126.1060, -3.5033, 97.2540



103.0060, -6.4120, -90.3363

# Square

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



126.1060, -3.5033, 97.2540



123.7740, -61.0206, 18.6152



111.7210, 19.3645, -97.9793



107.7450, 70.1317, -94.4924



# Rectangle

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



126.1060, -3.5033, 97.2540



127.7800, -49.6845, 69.4759



111.7210, 19.3645, -97.9793



117.6610, 57.3551, -103.1887

# Sweetspot

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



126.1060, -3.5033, 97.2540



218.9700, -0.9712, 31.5983



124.6080, 55.4093, 54.7178



106.5940, -0.7858, 18.7731



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.



126.1060, -3.5033, 97.2540



112.0540, -4.4636, 125.3636



140.0050, -34.0195, 85.0646



109.6310, -0.3111, 6.4626



60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983



# Inverse Universe

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



126.1060, -3.5033, 97.2540



112.0540, -4.4636, 125.3636



167.9950, 34.0195, -85.0646



109.6310, -0.3111, 6.4626



60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983



# Previews

## White Background



This preview shows how the YUV color 126.1060, -3.5033, 97.2540 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 126.1060, -3.5033, 97.2540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

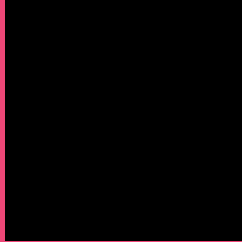
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.1060, -3.5033, 97.2540

## Background



This preview shows how black text looks on a background with the YUV color 126.1060, -3.5033, 97.2540.



This preview shows how white text looks on a background with the YUV color 126.1060, -3.5033,

97.2540.

# 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

126.1060, -3.5033, 97.2540

### Protanopia

134.6820, 9.0308, -3.2291

### Deuteranopia

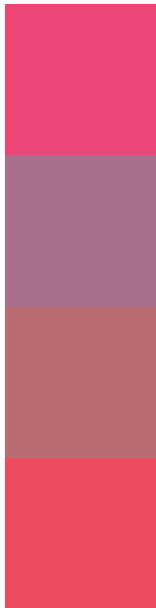
135.0210, -11.8424, 18.3986



## Tritanopia

126.1000, -21.2483, 95.5053

# Trichromacy



## Original Color

126.1060, -3.5033, 97.2540

## Protanomaly

131.4740, 4.6963, 33.7873

## Deuteranomaly

131.7070, -8.7296, 46.7380

## Tritanomaly

126.1200, -14.8492, 96.3648

# Monochromacy



## Original Color

126.1060, -3.5033, 97.2540

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

125.8780, -1.4189, 35.1870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.1060, -3.5033, 97.2540 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(237, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 71, 119)  
}
```

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(237, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 119) }
```

## Border

The CSS property to change the border of an element to YUV 126.1060, -3.5033, 97.2540 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(237, 71, 119) }
```



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

```
.border{ border-color:rgb(237, 71, 119) }
```

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

Here you see how a box with a 4 pixel rgb(237, 71, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 126.1060, -3.5033, 97.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 119) }
```

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

```
.background{ background-color: rgb(237, 71,  
119) }
```

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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