

# Converting Colors

YUV(120.0090, 37.4636,  
117.5101)

Have a look what the booklet for  
YUV(120.0090, 37.4636, 117.5101)  
contains.

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# Color

**YUV(120.0090, 37.4636,  
117.5101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE25C4
RGB	254, 37, 196
RGB Percent	100%, 15%, 77%
CMY	0.0039, 0.8549, 0.2314
CMYK	0.00, 0.85, 0.23, 0.00
HSL	316°, 99%, 57%
HSV	316°, 85%, 100%
XYZ	51.4984, 26.3795, 54.6020
YIQ	120.0090, 78.2930, 95.4530

# Conversions

## Conversions Part 2

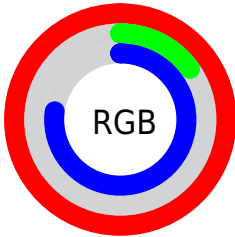
Format	Color
R <sub>Y</sub> B	254, 37, 196
Decimal	16655812
CIE Lab	58.40, 86.95, -30.63
CIE LCh	58, 92.186, 340.595
Yxy	26.3795, 0.3887, 0.1991
Android (android.graphics.Color)	4294845892 (0xFFFE25C4)
YUV	120.0090, 37.4636, 117.5101
Hunter-Lab	51.3610, 89.0960, -27.0787

# Details

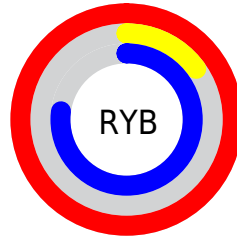
The YUV color **120.0090, 37.4636, 117.5101** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **170.9910, -37.4636, -117.5101**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4180, 40.2199, 73.3014**, and **73.5960, 33.7232, 103.8403** is the 20% darker color. If you saturate the color by 10%, you get **104.5360, 41.6408, 131.0799**, and if you desaturate by 10%, it is **135.4820, 33.2864, 103.9403**.

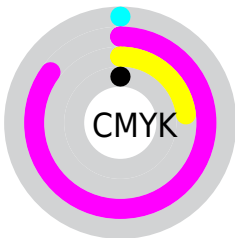
# Distribution



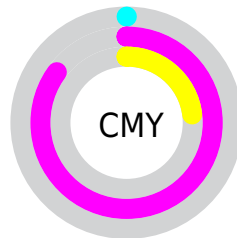
- Red (100%)
- Green (15%)
- Blue (77%)



- Red (100%)
- Yellow (15%)
- Blue (77%)



- Cyan (0%)
- Magenta (85%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (85%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.0090, 37.4636, 117.5101 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 120.0090, 37.4636, 117.5101 by changing the saturation by 10% instead.





 120.0090, 37.4636,  
117.5101


 120.0090, 37.4636,  
117.5101


255.0000, 0.0000,  
0.0000


 85.9430, 40.9471,  
120.1990


 171.4180, 40.2199,  
73.3014

 73.5960, 33.7232,  
103.8403

 189.8430, 32.1224,  
57.1427

 61.6620, 26.7886,  
87.9964


 208.0400, 23.1513,  
41.1839

 49.8420, 20.2909,  
72.0526

 225.6500, 14.4696,  
25.7400

 38.4350, 14.0825,  
56.6235

 243.8470, 5.4984,  
9.7812

 27.5550, 8.6004,  
41.6093

 15.7780, 3.5604,

24.7507

■ 0.0000, 0.0000,  
0.0000

■ 120.0090, 37.4636,  
117.5101

■ 120.0090, 37.4636,  
117.5101

■ 104.5360, 41.6408,  
131.0799

■ 135.4820, 33.2864,  
103.9403

■ 97.1500, 43.8030,  
137.5574

■ 151.5420, 28.8198,  
89.8557

■ 166.9010, 24.2058,  
76.3858

■ 182.9610, 19.7392,  
62.3012

■ 198.4340, 15.5620,  
48.7314

■ 213.9070, 11.3848,  
35.1616

■ 229.9670, 6.9183,  
21.0769

■ 245.3260, 2.3043,  
7.6071

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



140.9700, 56.2168, 28.9673



120.0090, 37.4636, 117.5101



89.4690, 13.0798, 145.1707

# Triad

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



120.0090, 37.4636, 117.5101



129.0570, -63.6251, 13.9820



129.4810, 56.9509, -113.5548

# Complementary

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



120.0090, 37.4636, 117.5101



170.9910, -37.4636, -117.5101

# 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.



121.2900, 23.0280, -106.3713



120.0090, 37.4636, 117.5101



106.4450, -52.4774, -61.7803

# Square

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



120.0090, 37.4636, 117.5101



131.4800, -64.8196, 70.6160



109.8390, -13.2316, -96.3288



125.3380, 63.9234, -109.9214



# Rectangle

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



120.0090, 37.4636, 117.5101



109.9560, -22.6563, 127.2036



109.8390, -13.2316, -96.3288



127.3320, 46.1783, -111.6702

# Sweetspot

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



120.0090, 37.4636, 117.5101



214.2060, 11.2374, 35.7763



79.0800, 86.2356, 13.9618



103.2660, 6.7709, 21.6917



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.



120.0090, 37.4636, 117.5101



97.5630, 44.0924, 138.0722



107.6970, -9.7106, 128.3077



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468



# Inverse Universe

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



120.0090, 37.4636, 117.5101



97.5630, 44.0924, 138.0722



183.3030, 9.7106, -128.3077



119.9130, 2.0149, 7.0923



73.0690, 32.9970, 103.4255



24.4940, 11.0955, 34.6468



# Previews

## White Background



This preview shows how the YUV color 120.0090, 37.4636, 117.5101 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

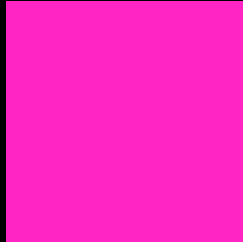
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 120.0090, 37.4636, 117.5101 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

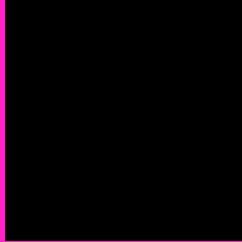
Any Text WCAG AA ✓ Pass

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 120.0090, 37.4636, 117.5101 Background



This preview shows how black text looks on a background with the YUV color 120.0090, 37.4636, 117.5101.



This preview shows how white text looks on a background with the YUV color 120.0090, 37.4636, 117.5101.



# 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

120.0090, 37.4636, 117.5101

### Protanopia

134.0070, 59.6495, -45.6101

### Deuteranopia

141.1510, 21.1246, -8.9024



## Tritanopia

131.8940, -22.1327, 99.1940

# Trichromacy



## Original Color

120.0090, 37.4636, 117.5101



## Protanomaly

129.3180, 51.6082, 13.7531



## Deuteranomaly

133.3430, 26.9459, 37.4102



## Tritanomaly

127.3720, -0.1834, 105.7908

# Monochromacy



## Original Color

120.0090, 37.4636, 117.5101



## Achromatopsia

120.0000, 0.0000, 0.0000



## Achromatomaly

120.2330, 13.6891, 42.7687

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.0090, 37.4636, 117.5101 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(254, 37, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 37, 196)  
}
```

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(254, 37, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 37, 196) }
```

## Border

The CSS property to change the border of an element to YUV 120.0090, 37.4636, 117.5101 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(254, 37, 196) }
```



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

```
.border{ border-color:rgb(254, 37, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 37, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 37, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 37, 196);  
box-shadow:4px 4px 4px 4px rgb(254, 37,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 120.0090, 37.4636, 117.5101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 37, 196) }
```

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

```
.background{ background-color: rgb(254, 37,  
196) }
```

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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