

# Converting Colors

YUV(111.4230, 36.2735,  
125.9170)

Have a look what the booklet for  
YUV(111.4230, 36.2735, 125.9170)  
contains.

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# Color

**YUV(111.4230, 36.2735,  
125.9170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF18B9
RGB	255, 24, 185
RGB Percent	100%, 9%, 73%
CMY	0.0000, 0.9059, 0.2745
CMYK	0.00, 0.91, 0.27, 0.00
HSL	318°, 100%, 55%
HSV	318°, 91%, 100%
XYZ	50.3236, 25.4161, 48.1524
YIQ	111.4230, 85.9950, 99.0430

# Conversions

## Conversions Part 2

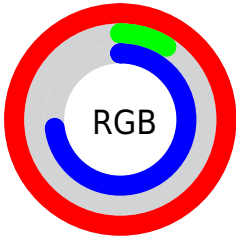
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 24, 185
Decimal	16718009
CIE <sub>Lab</sub>	57.48, 87.78, -25.69
CIE <sub>LCh</sub>	57, 91.460, 343.688
Yxy	25.4161, 0.4062, 0.2051
Android (android.graphics.Color)	4294908089 (0xFFFF18B9)
YUV	111.4230, 36.2735, 125.9170
Hunter-Lab	50.4143, 89.9536, -21.3398

# Details

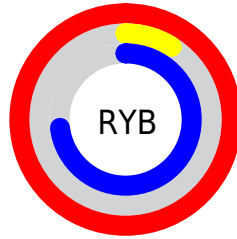
The YUV color **111.4230, 36.2735, 125.9170** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **167.5770, -36.2735, -125.9170**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5280, 36.7147, 77.5899**, and **72.7550, 29.2078, 105.4549** is the 20% darker color. If you saturate the color by 10%, you get **96.5370, 40.1613, 138.9721**, and if you desaturate by 10%, it is **127.0100, 32.5331, 112.2472**.

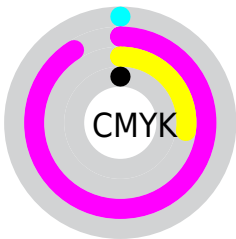
# Distribution



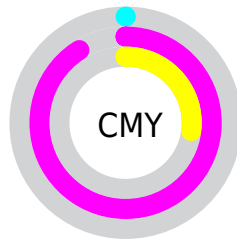
- Red (100%)
- Green (9%)
- Blue (73%)



- Red (100%)
- Yellow (9%)
- Blue (73%)



- Cyan (0%)
- Magenta (91%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (91%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 111.4230, 36.2735, 125.9170 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 111.4230, 36.2735, 125.9170 by changing the saturation by 10% instead.





 111.4230, 36.2735,  
125.9170


 111.4230, 36.2735,  
125.9170


255.0000, 0.0000,  
0.0000


 84.9880, 35.9949,  
121.9135


 166.5280, 36.7147,  
77.5899


 72.7550, 29.2078,  
105.4549


 186.9080, 33.5694,  
59.7167

 60.5220, 22.4207,  
88.9962

 205.1050, 24.5982,  
43.7579

 48.8160, 16.3597,  
72.9524

 223.3020, 15.6271,  
27.7991

 37.1100, 10.2988,  
56.9085

 241.4990, 6.6560,  
11.8404

 26.3440, 5.2534,  
41.7943

 14.4100, -1.6811,

25.9504

■ 0.0000, 0.0000,  
0.0000

■ 111.4230, 36.2735,  
125.9170

■ 111.4230, 36.2735,  
125.9170

■ 96.5370, 40.1613,  
138.9721

■ 127.0100, 32.5331,  
112.2472

■ 143.0700, 28.0665,  
98.1626

■ 158.6570, 24.3261,  
84.4928

■ 174.8310, 20.2963,  
70.3082

■ 190.4180, 16.5559,  
56.6384

206.4780, 12.0893,  
42.5538

222.6520, 8.0596,  
28.3692

238.2390, 4.3192,  
14.6994

253.8260, 0.5788,  
1.0296

# Harmonies

## Analogous

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



139.5520, 56.9159, 38.1039



111.4230, 36.2735, 125.9170



88.3290, 8.7118, 146.1705

# Triad

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



111.4230, 36.2735, 125.9170



125.7680, -62.0036, 7.2195



128.0620, 59.1294, -112.3104

# Complementary

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



111.4230, 36.2735, 125.9170



167.5770, -36.2735, -125.9170

# 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.



120.2130, 26.5170, -105.4268



111.4230, 36.2735, 125.9170



94.5070, -46.5920, -82.8826

# Square

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



111.4230, 36.2735, 125.9170



129.9630, -64.0718, 64.0534



109.4630, -9.5953, -95.9991



122.9900, 65.0809, -107.8622



# Rectangle

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



111.4230, 36.2735, 125.9170



112.3380, -28.7606, 125.1146



109.4630, -9.5953, -95.9991



126.1410, 49.2305, -110.6257

# Sweetspot

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



111.4230, 36.2735, 125.9170



212.1030, 10.7952, 37.6207



70.9650, 90.7293, 19.3247



102.4510, 6.1867, 22.4065



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.



111.4230, 36.2735, 125.9170



96.5370, 40.1613, 138.9721



98.3130, -13.9583, 137.4145



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467



# Inverse Universe

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



111.4230, 36.2735, 125.9170



96.5370, 40.1613, 138.9721



180.6870, 13.9583, -137.4145



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467



# Previews

## White Background



This preview shows how the YUV color 111.4230, 36.2735, 125.9170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

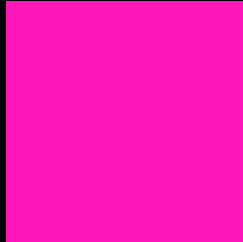
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.4230, 36.2735, 125.9170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

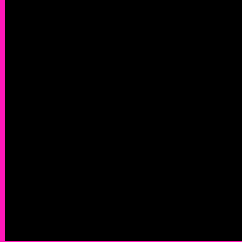
Any Text WCAG AA ✓ Pass

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 111.4230, 36.2735, 125.9170 Background



This preview shows how black text looks on a background with the YUV color 111.4230, 36.2735, 125.9170.



This preview shows how white text looks on a background with the YUV color 111.4230, 36.2735, 125.9170.



# 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

111.4230, 36.2735, 125.9170

### Protanopia

131.3380, 60.9654, -47.6544

### Deuteranopia

139.6200, 16.4563, -4.9287



## Tritanopia

126.8840, -23.6068, 105.3417

# Trichromacy



## Original Color

111.4230, 36.2735, 125.9170



## Protanomaly

124.4430, 52.0396, 15.3975



## Deuteranomaly

129.1650, 23.5827, 42.8283



## Tritanomaly

121.0740, -1.5155, 113.0681

# Monochromacy



## Original Color

111.4230, 36.2735, 125.9170



## Achromatopsia

111.0000, 0.0000, 0.0000



## Achromatomaly

110.8420, 13.3889, 45.7426

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.4230, 36.2735, 125.9170 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(255, 24, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 185)  
}
```

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(255, 24, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 185) }
```

## Border

The CSS property to change the border of an element to YUV 111.4230, 36.2735, 125.9170 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(255, 24, 185) }
```



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

```
.border{ border-color:rgb(255, 24, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 24, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 111.4230, 36.2735, 125.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 185) }
```

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

```
.background{ background-color: rgb(255, 24,  
185) }
```

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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