

# Converting Colors

YUV(116.6600, 23.3386,  
121.3242)

Have a look what the booklet for  
YUV(116.6600, 23.3386, 121.3242)  
contains.

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# Color

**YUV(116.6600, 23.3386,  
121.3242)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FF25A4                     |
| RGB         | 255, 37, 164               |
| RGB Percent | 100%, 15%, 64%             |
| CMY         | 0.0000, 0.8549, 0.3569     |
| CMYK        | 0.00, 0.85, 0.36, 0.00     |
| HSL         | 325°, 100%, 57%            |
| HSV         | 325°, 85%, 100%            |
| XYZ         | 48.6024, 25.2635, 37.4367  |
| YIQ         | 116.6600, 89.1610, 85.7130 |

# Conversions

## Conversions Part 2

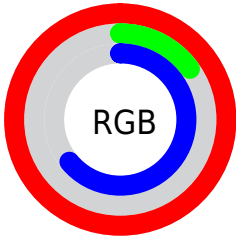
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 37, 164                   |
| Decimal                             | 16721316                       |
| CIE Lab                             | 57.33, 83.75, -13.68           |
| CIE LCh                             | 57, 84.858, 350.724            |
| Yxy                                 | 25.2635, 0.4367,<br>0.2270     |
| Android<br>(android.graphics.Color) | 4294911396<br>(0xFFFF25A4)     |
| YUV                                 | 116.6600, 23.3386,<br>121.3242 |
| Hunter-Lab                          | 50.2628, 84.6436,<br>-8.9764   |

# Details

The YUV color **116.6600, 23.3386, 121.3242** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **175.3400, -23.3386, -121.3242**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9550, 25.6582, 77.2155**, and **70.4750, 20.4718, 107.4544** is the 20% darker color. If you saturate the color by 10%, you get **100.7310, 25.7686, 135.2939**, and if you desaturate by 10%, it is **133.1760, 20.6192, 106.8396**.

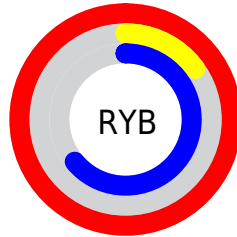
# Distribution



Red (100%)

Green (15%)

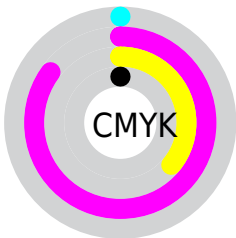
Blue (64%)



Red (100%)

Yellow (15%)

Blue (64%)

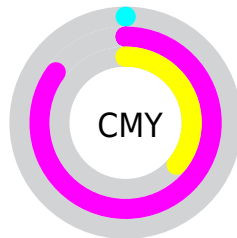


Cyan (0%)

Magenta (85%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (85%)


Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 116.6600, 23.3386, 121.3242 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 116.6600, 23.3386, 121.3242 by changing the saturation by 10% instead.




 116.6600, 23.3386,  
121.3242


 116.6600, 23.3386,  
121.3242


255.0000, 0.0000,  
0.0000


 82.7080, 27.2590,  
123.9131

 166.9550, 25.6582,  
77.2155


 70.4750, 20.4718,  
107.4544

 188.3440, 28.9174,  
58.4573


 58.4700, 14.5583,  
90.7958


 206.8660, 23.7301,  
42.2135

 46.7640, 8.4973,  
74.7520

 225.0630, 14.7589,  
26.2547

 34.9870, 3.4574,  
57.8934

 243.2600, 5.7878,  
10.2960

 24.3350, -1.1512,  
42.6792

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,  
0.0000

■ 116.6600, 23.3386,  
121.3242

■ 116.6600, 23.3386,  
121.3242

■ 100.7310, 25.7686,  
135.2939

■ 133.1760, 20.6192,  
106.8396

■ 93.2310, 27.4941,  
141.8714

■ 148.9910, 17.7524,  
92.9699

■ 165.5070, 15.0330,  
78.4854

■ 181.4360, 12.6031,  
64.5156

■ 197.8380, 9.4469,  
50.1311

213.7670, 7.0169,  
36.1613

230.2830, 4.2975,  
21.6768

246.0980, 1.4307,  
7.8071

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



138.3170, 46.6787, 54.9730



116.6600, 23.3386, 121.3242



111.2730, -9.9946, 126.0486

# Triad

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



116.6600, 23.3386, 121.3242



122.7450, -60.5133, -4.1614



126.1700, 62.0342, -110.6511

# Complementary

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



116.6600, 23.3386, 121.3242



175.3400, -23.3386, -121.3242

# 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.



120.6350, 33.2109, -105.7969



116.6600, 23.3386, 121.3242



98.0580, -35.5246, -85.9969

# Square

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



116.6600, 23.3386, 121.3242



129.5760, -63.8810, 49.4838



111.2700, -0.1331, -97.5838



119.4680, 66.8173, -104.7734



# Rectangle

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



116.6600, 23.3386, 121.3242



123.2640, -40.0632, 110.2705



111.2700, -0.1331, -97.5838



125.2920, 53.5930, -109.8811

# Sweetspot

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



116.6600, 23.3386, 121.3242



213.0660, 6.8695, 36.7761



89.0610, 81.8079, 34.1495



102.5820, 4.1501, 22.2916



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.



116.6600, 23.3386, 121.3242



93.2310, 27.4941, 141.8714



104.2340, -24.2724, 132.2218



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465



# Inverse Universe

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



116.6600, 23.3386, 121.3242



93.2310, 27.4941, 141.8714



187.7660, 24.2724, -132.2218



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465



# Previews

## White Background



This preview shows how the YUV color 116.6600, 23.3386, 121.3242 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 116.6600, 23.3386, 121.3242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

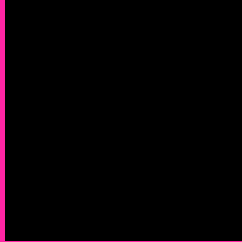
Any Text WCAG AA ✓ Pass

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 116.6600, 23.3386, 121.3242 Background



This preview shows how black text looks on a background with the YUV color 116.6600, 23.3386, 121.3242.



This preview shows how white text looks on a background with the YUV color 116.6600, 23.3386,



# 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

116.6600, 23.3386, 121.3242

### Protanopia

135.1370, 45.7815, -30.8151

### Deuteranopia

139.1560, 6.8251, 4.2482



## Tritanopia

125.2650, -24.7806, 108.5156

# Trichromacy



## Original Color

116.6600, 23.3386, 121.3242



## Protanomaly

128.1270, 37.8984, 24.4446



## Deuteranomaly

131.0270, 12.8047, 46.4573



## Tritanomaly

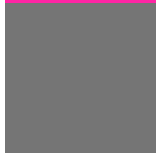
121.8800, -7.3358, 113.2382

# Monochromacy



## Original Color

116.6600, 23.3386, 121.3242



## Achromatopsia

117.0000, 0.0000, 0.0000



## Achromatomaly

116.8650, 8.4476, 43.9684

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.6600, 23.3386, 121.3242 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, 37, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 37, 164)  
}
```

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, 37, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 164) }
```

## Border

The CSS property to change the border of an element to YUV 116.6600, 23.3386, 121.3242 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, 37, 164) }
```



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

```
.border{ border-color:rgb(255, 37, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 37, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 116.6600, 23.3386, 121.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 164) }
```

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

```
.background{ background-color: rgb(255, 37,  
164) }
```

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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