

# Converting Colors

YUV(109.3960, 30.3708,  
105.7697)

Have a look what the booklet for  
YUV(109.3960, 30.3708, 105.7697)  
contains.

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# Color

**YUV(109.3960, 30.3708,  
105.7697)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E624AB
RGB	230, 36, 171
RGB Percent	90%, 14%, 67%
CMY	0.0980, 0.8588, 0.3294
CMYK	0.00, 0.84, 0.26, 0.10
HSL	318°, 80%, 52%
HSV	318°, 84%, 90%
XYZ	40.6147, 21.0250, 40.4457
YIQ	109.3960, 72.2890, 83.1130

# Conversions

## Conversions Part 2

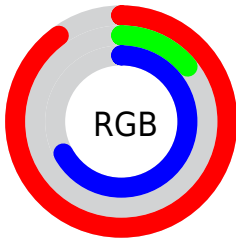
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 36, 171
Decimal	15082667
CIE <sub>Lab</sub>	52.98, 79.29, -24.84
CIE <sub>LCh</sub>	53, 83.091, 342.603
Yxy	21.0250, 0.3979, 0.2060
Android (android.graphics.Color)	4293272747 (0xFFE624AB)
YUV	109.3960, 30.3708, 105.7697
Hunter-Lab	45.8530, 77.8649, -20.2009

# Details

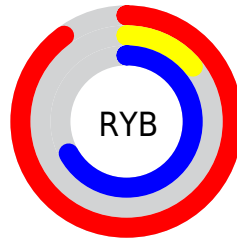
The YUV color **109.3960, 30.3708, 105.7697** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **156.6040, -30.3708, -105.7697**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9320, 30.5995, 78.9896**, and **63.9830, 26.6304, 92.0999** is the 20% darker color. If you saturate the color by 10%, you get **95.0970, 33.9692, 118.3099**, and if you desaturate by 10%, it is **123.6950, 26.7724, 93.2295**.

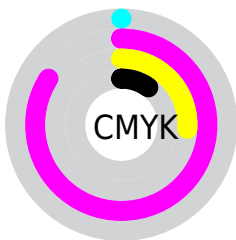
# Distribution



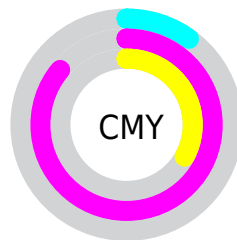
- Red (90%)
- Green (14%)
- Blue (67%)



- Red (90%)
- Yellow (14%)
- Blue (67%)



- Cyan (0%)
- Magenta (84%)
- Yellow (26%)
- Black (10%)



- Cyan (10%)
- Magenta (86%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 109.3960, 30.3708, 105.7697 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 109.3960, 30.3708, 105.7697 by changing the saturation by 10% instead.





 109.3960, 30.3708,  
105.7697


 109.3960, 30.3708,  
105.7697


255.0000, 0.0000,  
0.0000


 76.2160, 33.4175,  
108.5586


 164.9320, 30.5995,  
78.9896


 63.9830, 26.6304,  
92.0999

 186.3210, 33.8587,  
60.2315


 52.5760, 20.4220,  
76.6708


 203.9310, 25.1770,  
44.7875

 40.8700, 14.3611,  
60.6270

 221.5410, 16.4953,  
29.3435

 29.8760, 8.4421,  
45.7127

 239.1510, 7.8136,  
13.8996

 18.8110, 3.5442,  
29.9838

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,  
0.0000

■ 109.3960, 30.3708,  
105.7697

■ 109.3960, 30.3708,  
105.7697

■ 95.0970, 33.9692,  
118.3099

■ 123.6950, 26.7724,  
93.2295

■ 87.0100, 35.9841,  
125.4022

■ 137.9940, 23.1740,  
80.6893

■ 152.2930, 19.5756,  
68.1490

■ 166.5920, 15.9771,  
55.6088

■ 180.8910, 12.3787,  
43.0686

■ 195.1900, 8.7803,  
30.5284

■ 209.4890, 5.1819,  
17.9881

■ 223.7880, 1.5835,  
5.4479

■ 238.0870, -2.0149,  
-7.0923

# Harmonies

## Analogous

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



128.4280, 51.5540, 31.1966



109.3960, 30.3708, 105.7697



87.3130, 6.2547, 140.9225

# Triad

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



109.3960, 30.3708, 105.7697



115.7450, -57.0623, 8.9936



116.4070, 52.5503, -102.0889

# Complementary

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



109.3960, 30.3708, 105.7697



156.6040, -30.3708, -105.7697

# 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.



109.3560, 22.9955, -95.9052



109.3960, 30.3708, 105.7697



93.4650, -46.0782, -60.9208

# Square

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



109.3960, 30.3708, 105.7697



118.7220, -58.5299, 59.8798



99.6320, -9.1856, -87.3773



114.7720, 69.1324, -100.6550



# Rectangle

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



109.3960, 30.3708, 105.7697



107.2660, -26.2601, 116.4077



99.6320, -9.1856, -87.3773



114.6000, 43.0882, -100.5042

# Sweetspot

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



109.3960, 30.3708, 105.7697



215.2660, 10.2219, 34.8467



75.4580, 76.1892, 16.2613



103.7390, 6.0447, 21.2769



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.



109.3960, 30.3708, 105.7697



96.4230, 39.7245, 139.0720



98.4520, -11.5618, 115.3676



107.5000, 1.7255, 6.5775



67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544



# Inverse Universe

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



109.3960, 30.3708, 105.7697



96.4230, 39.7245, 139.0720



167.5480, 11.5618, -115.3676



107.5000, 1.7255, 6.5775



67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544



# Previews

## White Background



This preview shows how the YUV color 109.3960, 30.3708, 105.7697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

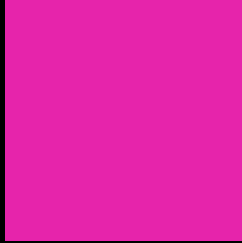
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 109.3960, 30.3708, 105.7697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

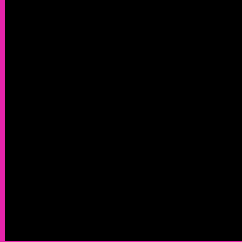
Any Text WCAG AA ✓ Pass

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 109.3960, 30.3708, 105.7697 Background



This preview shows how black text looks on a background with the YUV color 109.3960, 30.3708, 105.7697.



This preview shows how white text looks on a background with the YUV color 109.3960, 30.3708, 105.7697.



# 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

109.3960, 30.3708, 105.7697

### Protanopia

120.3230, 57.0288, -45.0103

### Deuteranopia

128.2070, 16.1669, -5.4435



## Tritanopia

119.0070, -20.2165, 91.2019

# Trichromacy



## Original Color

109.3960, 30.3708, 105.7697



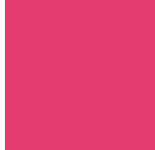
## Protanomaly

116.4440, 47.1091, 10.1346



## Deuteranomaly

121.5400, 21.4258, 34.6064



## Tritanomaly

115.5620, -1.7561, 96.8541

# Monochromacy



## Original Color

109.3960, 30.3708, 105.7697



## Achromatopsia

109.0000, 0.0000, 0.0000



## Achromatomaly

108.9290, 11.3740, 38.6503

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.3960, 30.3708, 105.7697 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(230, 36, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 36, 171)  
}
```

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(230, 36, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 36, 171) }
```

## Border

The CSS property to change the border of an element to YUV 109.3960, 30.3708, 105.7697 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(230, 36, 171) }
```



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

```
.border{ border-color:rgb(230, 36, 171) }
```

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

Here you see how a box with a 4 pixel rgb(230, 36, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 36, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 36, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 36,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 109.3960, 30.3708, 105.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 36, 171) }
```

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

```
.background{ background-color: rgb(230, 36,  
171) }
```

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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