

# Converting Colors

YUV(132.0000, 40.9190,  
82.4380)

Have a look what the booklet for  
YUV(132.0000, 40.9190, 82.4380)  
contains.

<b>YUV(132.0000, 40.9190, 82.4380)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(132.0000, 40.9190,  
82.4380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E244D7
RGB	226, 68, 215
RGB Percent	89%, 27%, 84%
CMY	0.1137, 0.7333, 0.1569
CMYK	0.00, 0.70, 0.05, 0.11
HSL	304°, 73%, 58%
HSV	304°, 70%, 89%
XYZ	45.6969, 25.2093, 66.7474
YIQ	132.0000, 46.9810, 79.2130

# Conversions

## Conversions Part 2

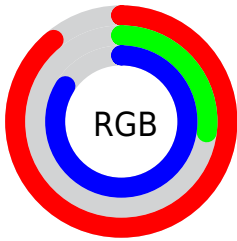
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 68, 215
Decimal	14828759
CIE <sub>Lab</sub>	57.28, 75.84, -43.56
CIE <sub>LCh</sub>	57, 87.459, 330.132
Yxy	25.2093, 0.3320, 0.1831
Android (android.graphics.Color)	4293018839 (0xFFE244D7)
YUV	132.0000, 40.9190, 82.4380
Hunter-Lab	50.2089, 74.5938, -43.6736

# Details

The YUV color **132.0000, 40.9190, 82.4380** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **162.0000, -40.9190, -82.4380**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0380, 36.4633, 64.8647**, and **68.1730, 45.2707, 86.6713** is the 20% darker color. If you saturate the color by 10%, you get **118.2710, 46.7014, 94.4783**, and if you desaturate by 10%, it is **145.7290, 35.1366, 70.3977**.

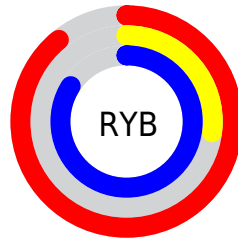
# Distribution



Red (89%)

Green (27%)

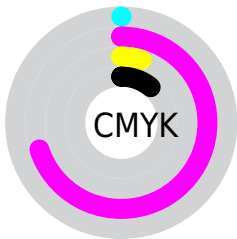
Blue (84%)



Red (89%)

Yellow (27%)

Blue (84%)

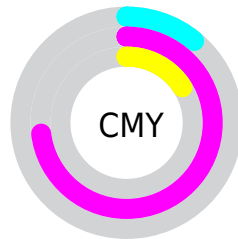


Cyan (0%)

Magenta (70%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (73%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.0000, 40.9190, 82.4380 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 132.0000, 40.9190, 82.4380 by changing the saturation by 10% instead.





 132.0000, 40.9190,  
82.4380


 132.0000, 40.9190,  
82.4380


255.0000, 0.0000,  
0.0000


 96.9450, 44.3971,  
86.8712


 181.0380, 36.4633,  
64.8647


 68.1730, 45.2707,  
86.6713


 198.0610, 28.0709,  
49.9355

 56.4240, 37.7520,  
71.5422


 215.6710, 19.3892,  
34.4915

 44.7890, 30.6700,  
56.3130

 232.6940, 10.9969,  
19.5624

 33.5670, 23.8775,  
41.5987

 250.3040, 2.3151,  
4.1184

 23.1710, 17.6637,  
27.9140

 10.9810, 12.3344,

10.5407

■ 1.2540, 4.8048,  
-1.0998

■ 0.0000, 0.0000,  
0.0000

■ 132.0000, 40.9190,  
82.4380

■ 132.0000, 40.9190,  
82.4380

■ 118.2710, 46.7014,  
94.4783

■ 145.7290, 35.1366,  
70.3977


■ 105.2430, 52.6312,  
105.9039

■ 158.7570, 29.2068,  
58.9721


■ 91.5140, 58.4136,  
117.9442

■ 172.4860, 23.4244,  
46.9318

■ 185.5140, 17.4946,  
35.5062

 199.2430, 11.7122,  
23.4659

 212.8580, 5.4930,  
11.5255

 226.0000, 0.0000,  
0.0000

 239.7290, -5.7824,  
-12.0403

 243.3650, -7.0819,  
-15.2291

# Harmonies

## Analogous

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



134.8250, 59.2463, -9.4935



132.0000, 40.9190, 82.4380



94.0800, 23.1316, 141.1268

# Triad

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



132.0000, 40.9190, 82.4380



128.8790, -63.5373, 32.5551



123.4850, 44.1309, -108.2963

# Complementary

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



132.0000, 40.9190, 82.4380



162.0000, -40.9190, -82.4380

# 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.



114.7070, 10.4974, -100.5980



132.0000, 40.9190, 82.4380



117.0090, -57.6854, -24.5639

# Square

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



132.0000, 40.9190, 82.4380



126.8500, -62.5370, 85.2006



102.8970, -24.5992, -90.2407



125.3380, 63.9234, -109.9214



# Rectangle

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



132.0000, 40.9190, 82.4380



104.8160, -6.8113, 131.7114



102.8970, -24.5992, -90.2407



121.2220, 32.9216, -106.3117

# Sweetspot

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



132.0000, 40.9190, 82.4380



222.8460, 13.8799, 28.1991



89.3010, 67.3926, -9.0340



108.8740, 7.9501, 16.7735



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.



132.0000, 40.9190, 82.4380



127.6720, 55.3777, 111.6667



122.9940, 6.4120, 90.3363



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103



# Inverse Universe

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



132.0000, 40.9190, 82.4380



127.6720, 55.3777, 111.6667



171.0060, -6.4120, -90.3363



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103



# Previews

## White Background



This preview shows how the YUV color 132.0000, 40.9190, 82.4380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

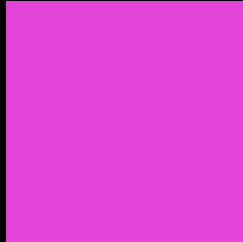
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.0000, 40.9190, 82.4380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

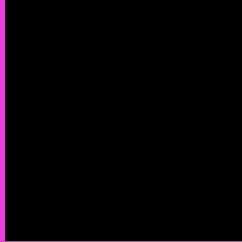
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.0000, 40.9190, 82.4380

## Background



This preview shows how black text looks on a background with the YUV color 132.0000, 40.9190, 82.4380.



This preview shows how white text looks on a background with the YUV color 132.0000, 40.9190, 82.4380.



# 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

132.0000, 40.9190, 82.4380

### Protanopia

130.1530, 61.5496, -48.3692

### Deuteranopia

135.9670, 33.5403, -24.5271



## Tritanopia

136.5850, -13.5994, 68.7700

# Trichromacy



## Original Color

132.0000, 40.9190, 82.4380



## Protanomaly

130.8000, 53.8356, -0.7016



## Deuteranomaly

134.6050, 36.1837, 14.3784



## Tritanomaly

135.1830, 6.3188, 73.5075

# Monochromacy



## Original Color

132.0000, 40.9190, 82.4380



## Achromatopsia

132.0000, 0.0000, 0.0000



## Achromatomaly

132.0850, 14.7481, 29.7435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.0000, 40.9190, 82.4380 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(226, 68, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 68, 215)  
}
```

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(226, 68, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 68, 215) }
```

## Border

The CSS property to change the border of an element to YUV 132.0000, 40.9190, 82.4380 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(226, 68, 215) }
```



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

```
.border{ border-color:rgb(226, 68, 215) }
```

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

Here you see how a box with a 4 pixel rgb(226, 68, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 68, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 68, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 68,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 132.0000, 40.9190, 82.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 68, 215) }
```

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

```
.background{ background-color: rgb(226, 68,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor