

# Converting Colors

YUV(112.3490, 21.5199,  
97.9179)

Have a look what the booklet for  
YUV(112.3490, 21.5199, 97.9179)  
contains.

<b>YUV(112.3490, 21.5199, 97.9179)</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(112.3490, 21.5199,  
97.9179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E02F9C
RGB	224, 47, 156
RGB Percent	88%, 18%, 61%
CMY	0.1216, 0.8157, 0.3882
CMYK	0.00, 0.79, 0.30, 0.12
HSL	323°, 74%, 53%
HSV	323°, 79%, 88%
XYZ	37.7577, 20.2806, 33.3770
YIQ	112.3490, 70.5030, 71.4230

# Conversions

## Conversions Part 2

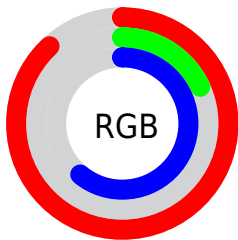
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	224, 47, 156
Decimal	14692252
CIE <sub>Lab</sub>	52.15, 73.79, -17.35
CIE <sub>LCh</sub>	52, 75.806, 346.771
Yxy	20.2806, 0.4130, 0.2219
Android (android.graphics.Color)	4292882332 (0xFFE02F9C)
YUV	112.3490, 21.5199, 97.9179
Hunter-Lab	45.0340, 70.8497, -12.4190

# Details

The YUV color **112.3490, 21.5199, 97.9179** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **158.6510, -21.5199, -97.9179**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0430, 22.1638, 78.0153**, and **61.0060, 21.6890, 90.3257** is the 20% darker color. If you saturate the color by 10%, you get **98.4090, 23.9554, 110.1433**, and if you desaturate by 10%, it is **126.2890, 19.0845, 85.6925**.

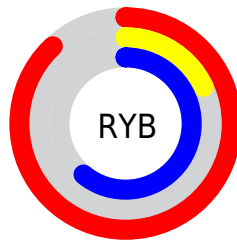
# Distribution



Red (88%)

Green (18%)

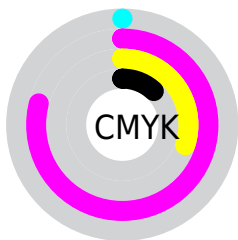
Blue (61%)



Red (88%)

Yellow (18%)

Blue (61%)

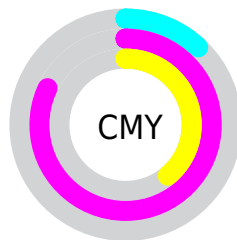


Cyan (0%)

Magenta (79%)

Yellow (30%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.3490, 21.5199, 97.9179 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 112.3490, 21.5199, 97.9179 by changing the saturation by 10% instead.





 112.3490, 21.5199,  
97.9179

 112.3490, 21.5199,  
97.9179


255.0000, 0.0000,  
0.0000


 72.8260, 28.1868,  
106.2696

 166.0430, 22.1638,  
78.0153


 61.0060, 21.6890,  
90.3257


 186.8450, 25.7124,  
59.7719


 49.1860, 15.1913,  
74.3819


 205.6920, 24.3088,  
43.2431

 37.8930, 9.4198,  
58.8528

 223.3020, 15.6271,  
27.7991

 27.1270, 4.3744,  
43.7386

 240.9120, 6.9454,  
12.3552

 15.9050, -2.4182,  
29.0243

 0.0000, 0.0000,

0.0000

■ 112.3490, 21.5199,  
97.9179

■ 112.3490, 21.5199,  
97.9179

■ 98.4090, 23.9554,  
110.1433

■ 126.2890, 19.0845,  
85.6925

■ 83.9960, 27.1170,  
122.7835

■ 140.7020, 15.9229,  
73.0523

■ 82.7080, 27.2590,  
123.9131

■ 154.6420, 13.4875,  
60.8270

■ 169.0550, 10.3259,  
48.1868

■ 182.9950, 7.8905,  
35.9614

■ 196.9350, 5.4550,  
23.7360

■ 211.3480, 2.2934,  
11.0958

■ 225.2880, -0.1420,  
-1.1296

■ 239.7010, -3.3036,  
-13.7698

# Harmonies

## Analogous

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



126.7080, 43.5280, 38.8441



112.3490, 21.5199, 97.9179



105.5920, -7.1939, 114.3678

# Triad

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



112.3490, 21.5199, 97.9179



113.0540, -55.7356, 3.4606



113.0160, 52.2501, -99.1150

# Complementary

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



112.3490, 21.5199, 97.9179



158.6510, -21.5199, -97.9179

# 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.



107.4640, 25.9002, -94.2459



112.3490, 21.5199, 97.9179



90.1140, -37.0312, -69.3830

# Square

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



112.3490, 21.5199, 97.9179



117.1830, -57.7712, 49.8285



99.1250, -3.5126, -86.9326



111.4950, 69.2690, -97.7811



# Rectangle

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



112.3490, 21.5199, 97.9179



112.0160, -30.5739, 99.9640



99.1250, -3.5126, -86.9326



111.5510, 44.0984, -97.8302

# Sweetspot

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



112.3490, 21.5199, 97.9179



216.4570, 7.1697, 33.8022



87.5100, 67.2896, 24.1087



104.5710, 4.1555, 20.5472



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.



112.3490, 21.5199, 97.9179



102.3440, 29.4104, 133.8793



102.3170, -16.9183, 106.7160



105.0870, 1.4361, 6.0627



64.9360, 21.2306, 97.4031



17.7720, 6.0284, 26.5100



# Inverse Universe

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



112.3490, 21.5199, 97.9179



102.3440, 29.4104, 133.8793



168.6830, 16.9183, -106.7160



105.0870, 1.4361, 6.0627



64.9360, 21.2306, 97.4031



17.7720, 6.0284, 26.5100



# Previews

## White Background



This preview shows how the YUV color 112.3490, 21.5199, 97.9179 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

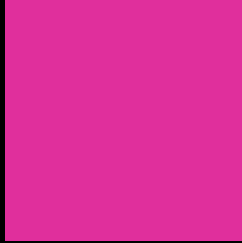
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 112.3490, 21.5199, 97.9179 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 112.3490, 21.5199, 97.9179

## Background



This preview shows how black text looks on a background with the YUV color 112.3490, 21.5199, 97.9179.



This preview shows how white text looks on a background with the YUV color 112.3490, 21.5199, 97.9179.



# 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

112.3490, 21.5199, 97.9179

### Protanopia

121.8660, 43.4501, -29.7005

### Deuteranopia

126.3450, 10.1829, 0.5744



## Tritanopia

116.8110, -19.6268, 88.7428

# Trichromacy



## Original Color

112.3490, 21.5199, 97.9179



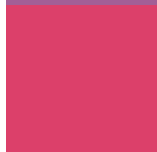
## Protanomaly

118.3880, 35.3047, 16.3227



## Deuteranomaly

121.3030, 14.1476, 35.6913



## Tritanomaly

115.4320, -4.6500, 91.7061

# Monochromacy



## Original Color

112.3490, 21.5199, 97.9179



## Achromatopsia

112.0000, 0.0000, 0.0000



## Achromatomaly

111.9950, 7.8905, 35.9614

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.3490, 21.5199, 97.9179 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(224, 47, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 47, 156)  
}
```

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(224, 47, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 47, 156) }
```

## Border

The CSS property to change the border of an element to YUV 112.3490, 21.5199, 97.9179 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(224, 47, 156) }
```



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

```
.border{ border-color:rgb(224, 47, 156) }
```

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

Here you see how a box with a 4 pixel rgb(224, 47, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 47, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 47, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 47,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 112.3490, 21.5199, 97.9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 47, 156) }
```

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

```
.background{ background-color: rgb(224, 47,  
156) }
```

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