

# Converting Colors

YUV(112.3700, 22.9886,  
93.5145)

Have a look what the booklet for  
YUV(112.3700, 22.9886, 93.5145)  
contains.

<b>YUV(112.3700, 22.9886, 93.5145)</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(112.3700, 22.9886,  
93.5145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB319F
RGB	219, 49, 159
RGB Percent	86%, 19%, 62%
CMY	0.1412, 0.8078, 0.3765
CMYK	0.00, 0.78, 0.27, 0.14
HSL	321°, 70%, 53%
HSV	321°, 78%, 86%
XYZ	36.5697, 19.7599, 34.6875
YIQ	112.3700, 66.0100, 70.2500

# Conversions

## Conversions Part 2

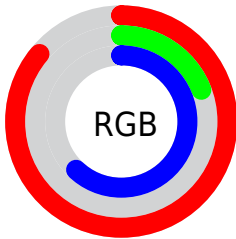
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 49, 159
Decimal	14365087
CIE <sub>Lab</sub>	51.56, 72.43, -20.10
CIE <sub>LCh</sub>	52, 75.173, 344.488
Yxy	19.7599, 0.4018, 0.2171
Android (android.graphics.Color)	4292555167 (0xFFDB319F)
YUV	112.3700, 22.9886, 93.5145
Hunter-Lab	44.4521, 69.0567, -15.1495

# Details

The YUV color **112.3700, 22.9886, 93.5145** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **155.6300, -22.9886, -93.5145**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9720, 23.1848, 77.2006**, and **59.7390, 23.2997, 87.0519** is the 20% darker color. If you saturate the color by 10%, you get **98.5440, 25.8608, 105.6399**, and if you desaturate by 10%, it is **126.1960, 20.1164, 81.3891**.

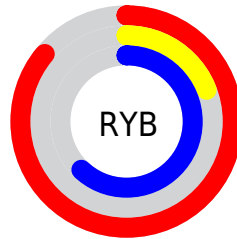
# Distribution



Red (86%)

Green (19%)

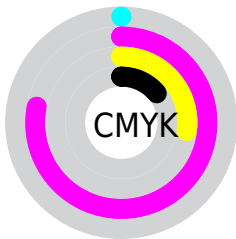
Blue (62%)



Red (86%)

Yellow (19%)

Blue (62%)

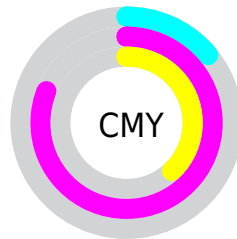


Cyan (0%)

Magenta (78%)

Yellow (27%)

Black (14%)



Cyan (14%)

Magenta (81%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.3700, 22.9886, 93.5145 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 112.3700, 22.9886, 93.5145 by changing the saturation by 10% instead.





 112.3700, 22.9886,  
93.5145


 112.3700, 22.9886,  
93.5145


255.0000, 0.0000,  
0.0000


 71.6730, 30.2342,  
102.8958


 166.9720, 23.1848,  
77.2006


 59.7390, 23.2997,  
87.0519


 187.1870, 27.0228,  
59.4720


 48.3320, 17.0913,  
71.6228


 205.6920, 24.3088,  
43.2431

 37.0390, 11.3198,  
56.0938

 223.3020, 15.6271,  
27.7991

 26.4580, 5.6902,  
41.6943

 240.9120, 6.9454,  
12.3552

 15.1650, -0.0813,  
26.1653

 0.0000, 0.0000,

0.0000

■ 112.3700, 22.9886,  
93.5145

■ 112.3700, 22.9886,  
93.5145

■ 98.5440, 25.8608,  
105.6399

■ 126.1960, 20.1164,  
81.3891

■ 84.8320, 29.1698,  
117.6653

■ 139.9080, 16.8074,  
69.3637

■ 81.6690, 29.7432,  
120.4393

■ 153.7340, 13.9351,  
57.2383

■ 167.5600, 11.0629,  
45.1129

■ 181.3860, 8.1907,  
32.9875

■ 194.5110, 5.1711,  
21.4769

■ 208.3370, 2.2989,  
9.3515

■ 222.1630, -0.5734,  
-2.7740

■ 235.9890, -3.4456,  
-14.8994

# Harmonies

## Analogous

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



125.6040, 44.5652, 32.7963



112.3700, 22.9886, 93.5145



103.6890, -4.2837, 114.2827

# Triad

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



112.3700, 22.9886, 93.5145



112.1900, -55.3097, 6.8494



111.6310, 49.4819, -97.9004

# Complementary

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



112.3700, 22.9886, 93.5145



155.6300, -22.9886, -93.5145

# 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.



106.0790, 23.1321, -93.0313



112.3700, 22.9886, 93.5145



93.0790, -43.9159, -54.4433

# Square

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



112.3700, 22.9886, 93.5145



116.0200, -57.1979, 52.6025



97.2670, -5.5546, -85.3032



110.4520, 67.8112, -96.8664



# Rectangle

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



112.3700, 22.9886, 93.5145



109.8250, -27.5217, 101.0085



97.2670, -5.5546, -85.3032



110.2800, 41.7670, -96.7156

# Sweetspot

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



112.3700, 22.9886, 93.5145



217.9730, 7.9013, 32.4727



86.0210, 65.5586, 19.2756



105.3860, 4.7397, 19.8325



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.



112.3700, 22.9886, 93.5145



106.3050, 31.8946, 130.4055



102.7940, -13.7024, 101.9127



103.0870, 1.4361, 6.0627



64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804



# Inverse Universe

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



112.3700, 22.9886, 93.5145



106.3050, 31.8946, 130.4055



165.2060, 13.7024, -101.9127



103.0870, 1.4361, 6.0627



64.4950, 23.4200, 95.1589



17.1740, 6.3232, 25.2804



# Previews

## White Background



This preview shows how the YUV color 112.3700, 22.9886, 93.5145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

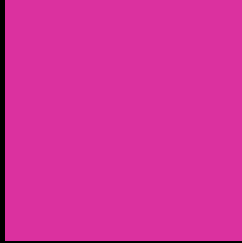
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 112.3700, 22.9886, 93.5145 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 112.3700, 22.9886, 93.5145

## Background



This preview shows how black text looks on a background with the YUV color 112.3700, 22.9886, 93.5145.



This preview shows how white text looks on a background with the YUV color 112.3700, 22.9886, 93.5145.



# 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

112.3700, 22.9886, 93.5145

### Protanopia

120.3110, 45.2027, -31.8447

### Deuteranopia

124.6050, 12.5197, -2.2846



## Tritanopia

116.8320, -18.1582, 84.3393

# Trichromacy



## Original Color

112.3700, 22.9886, 93.5145



## Protanomaly

117.5340, 37.2047, 13.5637



## Deuteranomaly

120.1500, 16.1950, 32.3174



## Tritanomaly

115.4530, -3.1813, 87.3027

# Monochromacy



## Original Color

112.3700, 22.9886, 93.5145



## Achromatopsia

112.0000, 0.0000, 0.0000



## Achromatomaly

112.0980, 8.3327, 34.1171

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.3700, 22.9886, 93.5145 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(219, 49, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 49, 159)  
}
```

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(219, 49, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 49, 159) }
```

## Border

The CSS property to change the border of an element to YUV 112.3700, 22.9886, 93.5145 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(219, 49, 159) }
```



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

```
.border{ border-color:rgb(219, 49, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 49, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 49, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 49, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 49,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 112.3700, 22.9886, 93.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 49, 159) }
```

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

```
.background{ background-color: rgb(219, 49,  
159) }
```

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