

# Converting Colors

YUV(114.2900, 44.7200,  
123.4027)

Have a look what the booklet for  
YUV(114.2900, 44.7200, 123.4027)  
contains.

<b>YUV(114.2900, 44.7200, 123.4027)</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(114.2900, 44.7200,  
123.4027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF19CD
RGB	255, 25, 205
RGB Percent	100%, 10%, 80%
CMY	0.0000, 0.9020, 0.1961
CMYK	0.00, 0.90, 0.20, 0.00
HSL	313°, 100%, 55%
HSV	313°, 90%, 100%
XYZ	52.6071, 26.3630, 60.0735
YIQ	114.2900, 79.3000, 104.7400

# Conversions

## Conversions Part 2

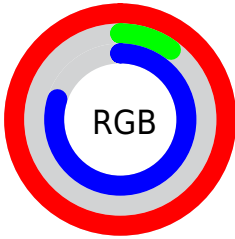
Format	Color
R <sub>Y</sub> B	255, 25, 205
Decimal	16718285
CIE Lab	58.38, 89.92, -35.79
CIE LCh	58, 96.783, 338.294
Yxy	26.3630, 0.3783, 0.1896
Android (android.graphics.Color)	4294908365 (0xFFFF19CD)
YUV	114.2900, 44.7200, 123.4027
Hunter-Lab	51.3450, 93.0341, -33.4277

# Details

The YUV color **114.2900, 44.7200, 123.4027** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **165.7100, -44.7200, -123.4027**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 42.2511, 75.1607**, and **74.8070, 37.0701, 103.6553** is the 20% darker color. If you saturate the color by 10%, you get **99.0450, 49.7708, 136.7725**, and if you desaturate by 10%, it is **129.6490, 40.1060, 109.9328**.

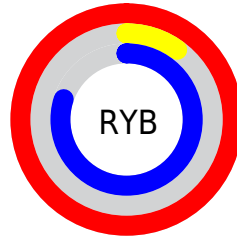
# Distribution



Red (100%)

Green (10%)

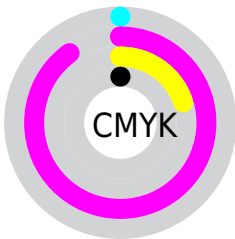
Blue (80%)



Red (100%)

Yellow (10%)

Blue (80%)

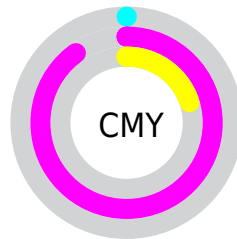


Cyan (0%)

Magenta (90%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.2900, 44.7200, 123.4027 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 114.2900, 44.7200, 123.4027 by changing the saturation by 10% instead.



114.2900, 44.7200,  
123.4027

114.2900, 44.7200,  
123.4027

255.0000, 0.0000,  
0.0000

87.1540, 44.2941,  
120.0139

169.2980, 42.2511,  
75.1607

74.8070, 37.0701,  
103.6553

188.0820, 32.9906,  
58.6871

62.8730, 30.1356,  
87.8114

206.2790, 24.0195,  
42.7283

51.0530, 23.6379,  
71.8675

223.8890, 15.3377,  
27.2843

39.2330, 17.1401,  
55.9237

242.0860, 6.3666,  
11.3256

28.2390, 11.2212,  
41.0094

16.7610, 6.0338,

24.7656

■ 0.0000, 0.0000,  
0.0000

■ 114.2900, 44.7200,  
123.4027

■ 114.2900, 44.7200,  
123.4027

■ 99.0450, 49.7708,  
136.7725

■ 129.6490, 40.1060,  
109.9328

■ 145.4810, 34.7659,  
96.0482

■ 160.8400, 30.1519,  
82.5783

■ 176.6720, 24.8117,  
68.6937

■ 192.0310, 20.1977,  
55.2238

■ 207.8630, 14.8575,  
41.3391

■ 223.2220, 10.2436,  
27.8693

■ 239.0540, 4.9034,  
13.9846

254.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



138.8660, 57.2541, 22.9195



114.2900, 44.7200, 123.4027



90.0390, 15.2638, 144.6708

# Triad

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



114.2900, 44.7200, 123.4027



129.9650, -64.0727, 17.5707



130.0680, 56.6615, -114.0696

# Complementary

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



114.2900, 44.7200, 123.4027



165.7100, -44.7200, -123.4027

# 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.



121.3070, 20.5546, -106.3862



114.2900, 44.7200, 123.4027



107.6410, -53.0670, -59.3212

# Square

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



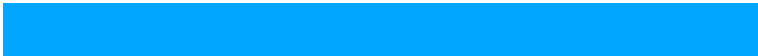
114.2900, 44.7200, 123.4027



131.2250, -64.6939, 76.9787



108.5850, -18.0364, -95.2290



126.5120, 63.3446, -110.9510



# Rectangle

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



114.2900, 44.7200, 123.4027



93.1610, -13.3904, 141.9328



108.5850, -18.0364, -95.2290



127.6910, 45.0153, -111.9850

# Sweetspot

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



114.2900, 44.7200, 123.4027



212.7870, 13.4160, 37.0208



66.1700, 93.0932, 7.7439



102.9070, 7.9338, 22.0066



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.



114.2900, 44.7200, 123.4027



99.0450, 49.7708, 136.7725



101.1800, -5.5117, 134.9001



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468



# Inverse Universe

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



114.2900, 44.7200, 123.4027



99.0450, 49.7708, 136.7725



178.8200, 5.5117, -134.9001



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468



# Previews

## White Background



This preview shows how the YUV color 114.2900, 44.7200, 123.4027 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

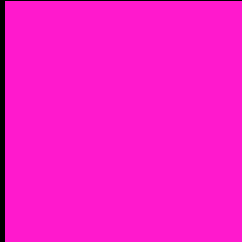
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 114.2900, 44.7200, 123.4027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

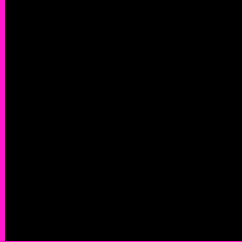
Any Text WCAG AA ✓ Pass

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 114.2900, 44.7200, 123.4027 Background



This preview shows how black text looks on a background with the YUV color 114.2900, 44.7200, 123.4027.



This preview shows how white text looks on a background with the YUV color 114.2900, 44.7200, 123.4027.

123.4027.

# 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

114.2900, 44.7200, 123.4027

### Protanopia

134.0070, 59.6495, -45.6101

### Deuteranopia

140.8560, 25.2140, -13.9057



## Tritanopia

132.0080, -21.6959, 99.0940

# Trichromacy



## Original Color

114.2900, 44.7200, 123.4027



## Protanomaly

126.7250, 54.3656, 16.0272



## Deuteranomaly

131.4120, 32.3349, 35.5957



## Tritanomaly

125.7790, 2.5740, 108.0648

# Monochromacy



## Original Color

114.2900, 44.7200, 123.4027



## Achromatopsia

114.0000, 0.0000, 0.0000



## Achromatomaly

114.2270, 16.1571, 44.5279

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.2900, 44.7200, 123.4027 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, 25, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 25, 205)  
}
```

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, 25, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 25, 205) }
```

## Border

The CSS property to change the border of an element to YUV 114.2900, 44.7200, 123.4027 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, 25, 205) }
```



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

```
.border{ border-color:rgb(255, 25, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 25, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 25, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 25, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 25,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 114.2900, 44.7200, 123.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 25, 205) }
```

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

```
.background{ background-color: rgb(255, 25,  
205) }
```

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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