

# Converting Colors

YUV(95.1320, 47.7559,  
129.6802)

Have a look what the booklet for  
YUV(95.1320, 47.7559, 129.6802)  
contains.

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# Color

**YUV(95.1320, 47.7559,  
129.6802)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F301C0
RGB	243, 1, 192
RGB Percent	95%, 0%, 75%
CMY	0.0471, 0.9961, 0.2471
CMYK	0.00, 1.00, 0.21, 0.05
HSL	313°, 99%, 48%
HSV	313°, 100%, 95%
XYZ	46.4874, 22.8822, 51.8357
YIQ	95.1320, 82.9210, 110.7050

# Conversions

## Conversions Part 2

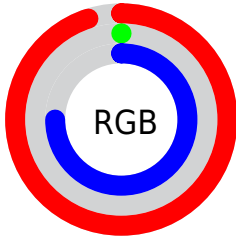
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 1, 192
Decimal	15925696
CIE Lab	54.95, 88.12, -33.84
CIE LCh	55, 94.396, 338.994
Yxy	22.8822, 0.3835, 0.1888
Android (android.graphics.Color)	4294115776 (0xFFFF301C0)
YUV	95.1320, 47.7559, 129.6802
Hunter-Lab	47.8353, 89.7585, -30.7636

# Details

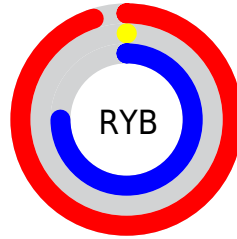
The YUV color **95.1320, 47.7559, 129.6802** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **148.8680, -47.7559, -129.6802**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3310, 42.2348, 80.3937**, and **70.1500, 33.4500, 98.0924** is the 20% darker color. If you saturate the color by 10%, you get **94.5450, 48.0453, 130.1950**, and if you desaturate by 10%, it is **109.7900, 42.9945, 116.8252**.

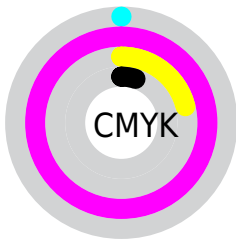
# Distribution



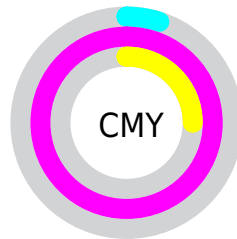
- Red (95%)
- Green (0%)
- Blue (75%)



- Red (95%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (100%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.1320, 47.7559, 129.6802 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 95.1320, 47.7559, 129.6802 by changing the saturation by 10% instead.





 95.1320, 47.7559,  
129.6802


 95.1320, 47.7559,  
129.6802


255.0000, 0.0000,  
0.0000


 82.1980, 40.8214,  
113.8364


 163.3310, 42.2348,  
80.3937


 70.1500, 33.4500,  
98.0924


 182.7990, 35.5951,  
63.3203

 57.9170, 26.6629,  
81.6338


 200.9960, 26.6240,  
47.3615

 46.3960, 20.0178,  
66.3047

 219.1930, 17.6529,  
31.4027

 35.1030, 14.2462,  
50.7757

 237.3900, 8.6817,  
15.4440

 23.8100, 8.4747,  
35.2466

 12.2180, 2.8505,

19.1028

■ 0.0000, 0.0000,  
0.0000

■ 95.1320, 47.7559,  
129.6802

■ 95.1320, 47.7559,  
129.6802

■ 94.5450, 48.0453,  
130.1950

■ 109.7900, 42.9945,  
116.8252

■ 125.0350, 37.9437,  
103.4553

■ 139.6930, 33.1824,  
90.6002

■ 154.3510, 28.4210,  
77.7452

■ 169.1230, 24.0964,  
64.7901

■ 184.3680, 19.0456,  
51.4203

■ 199.0260, 14.2842,  
38.5652

■ 213.6840, 9.5228,  
25.7101

■ 228.9290, 4.4720,  
12.3403

# Harmonies

## Analogous

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



131.4900, 60.8904, 23.2493



95.1320, 47.7559, 129.6802



88.8990, 10.8958, 145.6706

# Triad

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



95.1320, 47.7559, 129.6802



121.0940, -59.6993, 14.8266



122.9440, 54.7506, -107.8219

# Complementary

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



95.1320, 47.7559, 129.6802



148.8680, -47.7559, -129.6802

# 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.



113.9380, 20.2436, -99.9236



95.1320, 47.7559, 129.6802



96.9870, -47.8146, -64.0096

# Square

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



95.1320, 47.7559, 129.6802



122.9300, -60.6045, 71.9754



102.2590, -16.8897, -89.6811



120.6420, 66.2385, -105.8030



# Rectangle

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



95.1320, 47.7559, 129.6802



82.8570, -12.2545, 150.9694



102.2590, -16.8897, -89.6811



120.7950, 43.9781, -105.9372

# Sweetspot

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



95.1320, 47.7559, 129.6802



208.5640, 15.0049, 40.7244



42.9400, 98.6296, 5.3146



99.8580, 8.9440, 24.6805



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.



95.1320, 47.7559, 129.6802



99.1590, 50.2076, 136.6726



81.6800, -3.7862, 141.4776



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729



# Inverse Universe

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



95.1320, 47.7559, 129.6802



99.1590, 50.2076, 136.6726



162.3200, 3.7862, -141.4776



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729



# Previews

## White Background



This preview shows how the YUV color 95.1320, 47.7559, 129.6802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

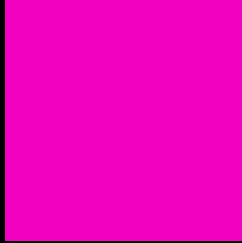
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 95.1320, 47.7559, 129.6802 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 95.1320, 47.7559, 129.6802

## Background



This preview shows how black text looks on a background with the YUV color 95.1320, 47.7559, 129.6802.



This preview shows how white text looks on a background with the YUV color 95.1320, 47.7559,



# 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

95.1320, 47.7559, 129.6802

### Protanopia

122.7330, 65.2076, -55.0168

### Deuteranopia

132.9980, 23.1720, -12.2762



## Tritanopia

123.6980, -21.5431, 96.7349

# Trichromacy



## Original Color

95.1320, 47.7559, 129.6802



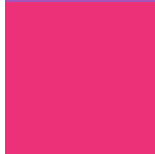
## Protanomaly

112.5550, 58.8864, 12.6683



## Deuteranomaly

119.3200, 31.8872, 39.1844



## Tritanomaly

113.4200, 3.7369, 108.3797

# Monochromacy



## Original Color

95.1320, 47.7559, 129.6802



## Achromatopsia

95.0000, 0.0000, 0.0000



## Achromatomaly

95.1780, 17.1672, 47.2019

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.1320, 47.7559, 129.6802 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(243, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(243, 1, 192)  
}
```

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(243, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 1, 192) }
```

## Border

The CSS property to change the border of an element to YUV 95.1320, 47.7559, 129.6802 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(243, 1, 192) }
```



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

```
.border{ border-color:rgb(243, 1, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 1, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 1,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 95.1320, 47.7559, 129.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 1, 192) }
```

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

```
.background{ background-color: rgb(243, 1,  
192) }
```

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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