

# Converting Colors

YUV(107.5010, 11.0920,  
129.3566)

Have a look what the booklet for  
YUV(107.5010, 11.0920, 129.3566)  
contains.

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# Color

**YUV(107.5010, 11.0920,  
129.3566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1C82
RGB	255, 28, 130
RGB Percent	100%, 11%, 51%
CMY	0.0000, 0.8902, 0.4902
CMYK	0.00, 0.89, 0.49, 0.00
HSL	333°, 100%, 55%
HSV	333°, 89%, 100%
XYZ	45.6845, 23.7022, 23.2862
YIQ	107.5010, 102.5500, 79.8460

# Conversions

## Conversions Part 2

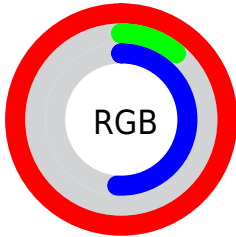
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 28, 130
Decimal	16718978
CIE <sub>Lab</sub>	55.79, 82.23, 4.17
CIE <sub>LCh</sub>	56, 82.337, 2.903
Yxy	23.7022, 0.4930, 0.2558
Android (android.graphics.Color)	4294909058 (0xFFFF1C82)
YUV	107.5010, 11.0920, 129.3566
Hunter-Lab	48.6849, 82.3006, 5.7207

# Details

The YUV color **107.5010, 11.0920, 129.3566** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **175.4990, -11.0920, -129.3566**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9160, 11.3804, 83.3887**, and **66.3430, 7.2259, 109.3242** is the 20% darker color. If you saturate the color by 10%, you get **91.2300, 12.2116, 143.6263**, and if you desaturate by 10%, it is **124.3590, 9.6830, 114.5722**.

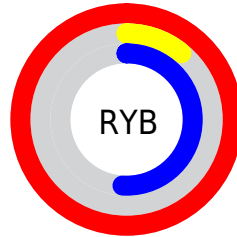
# Distribution



Red (100%)

Green (11%)

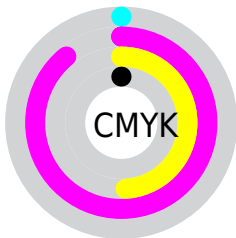
Blue (51%)



Red (100%)

Yellow (11%)

Blue (51%)

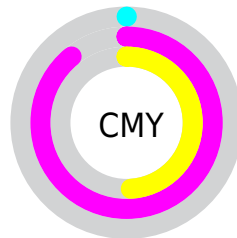


Cyan (0%)

Magenta (89%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (89%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.5010, 11.0920, 129.3566 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 107.5010, 11.0920, 129.3566 by changing the saturation by 10% instead.




 107.5010, 11.0920,  
129.3566


 107.5010, 11.0920,  
129.3566

255.0000, 0.0000,  
0.0000


 78.6470, 12.9920,  
126.5976


 159.9160, 11.3804,  
83.3887


 66.3430, 7.2259,  
109.3242


 181.1910, 14.2028,  
64.7305

 54.5660, 2.1860,  
92.4656


 202.5800, 17.4621,  
45.9723

 42.9030, -2.4172,  
75.5071

 222.1280, 16.2059,  
28.8287

 31.1260, -7.4571,  
58.6485

 240.3250, 7.2348,  
12.8700

 20.6740, -8.7133,  
41.5049

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,  
0.0000

■ 107.5010, 11.0920,  
129.3566

■ 107.5010, 11.0920,  
129.3566

■ 91.2300, 12.2116,  
143.6263

■ 124.3590, 9.6830,  
114.5722

■ 89.3550, 12.6430,  
145.2707

■ 140.6300, 8.5634,  
100.3025

■ 157.4880, 7.1544,  
85.5180

■ 173.7590, 6.0348,  
71.2484

■ 190.6170, 4.6258,  
56.4639

■ 206.8880, 3.5062,  
42.1942

■ 223.7460, 2.0972,  
27.4098

■ 240.0170, 0.9776,  
13.1401

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



127.9200, 35.5354, 82.5082



107.5010, 11.0920, 129.3566



117.3860, -28.2913, 114.5485

# Triad

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



107.5010, 11.0920, 129.3566



112.8560, -55.6380, -27.9377



121.8160, 65.6597, -106.8326

# Complementary

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



107.5010, 11.0920, 129.3566



175.4990, -11.0920, -129.3566

# 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.



120.2080, 44.2675, -105.4224



107.5010, 11.0920, 129.3566



101.1020, -18.7843, -88.6665

# Square

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



107.5010, 11.0920, 129.3566



124.7150, -61.4845, 27.4369



112.1140, 13.2548, -98.3240



111.8370, 70.5794, -98.0810



# Rectangle

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



107.5010, 11.0920, 129.3566



120.9910, -59.6486, 92.0929



112.1140, 13.2548, -98.3240



122.1920, 62.0233, -107.1624

# Sweetspot

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



107.5010, 11.0920, 129.3566



210.1650, 3.3697, 39.3203



91.2530, 80.7273, 54.1521



101.3110, 1.8187, 23.4063



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.



107.5010, 11.0920, 129.3566



89.3550, 12.6430, 145.2707



102.3300, -36.6447, 133.8916



119.4570, 0.2677, 7.4922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464



# Inverse Universe

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



107.5010, 11.0920, 129.3566



89.3550, 12.6430, 145.2707



180.6700, 36.6447, -133.8916



119.4570, 0.2677, 7.4922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 107.5010, 11.0920, 129.3566 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

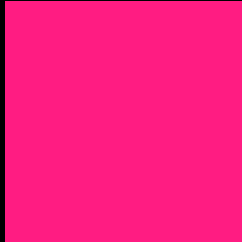
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.5010, 11.0920, 129.3566 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 107.5010, 11.0920, 129.3566 Background



This preview shows how black text looks on a background with the YUV color 107.5010, 11.0920, 129.3566.



This preview shows how white text looks on a background with the YUV color 107.5010, 11.0920,



# 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

107.5010, 11.0920, 129.3566

### Protanopia

134.1550, 25.0666, -13.2909

### Deuteranopia

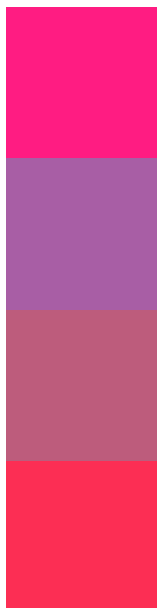
134.8510, -7.3215, 15.0397



## Tritanopia

115.1200, -28.1602, 119.1668

# Trichromacy



## Original Color

107.5010, 11.0920, 129.3566

## Protanomaly

124.2200, 20.1045, 38.3951

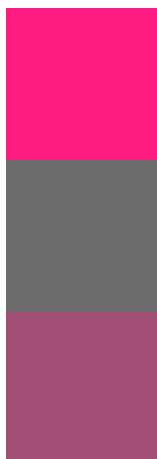
## Deuteranomaly

124.6510, -0.3209, 56.4341

## Tritanomaly

111.9260, -13.7675, 122.8449

# Monochromacy



## Original Color

107.5010, 11.0920, 129.3566

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

107.7360, 4.0742, 46.7125

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.5010, 11.0920, 129.3566 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, 28, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 130)  
}
```

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, 28, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 130) }
```

## Border

The CSS property to change the border of an element to YUV 107.5010, 11.0920, 129.3566 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, 28, 130) }
```



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

```
.border{ border-color:rgb(255, 28, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 107.5010, 11.0920, 129.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 130) }
```

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

```
.background{ background-color: rgb(255, 28,  
130) }
```

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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