

# Converting Colors

YUV(99.6930, 43.5354,  
130.0652)

Have a look what the booklet for  
YUV(99.6930, 43.5354, 130.0652)  
contains.

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# Color

**YUV(99.6930, 43.5354,  
130.0652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F807BC
RGB	248, 7, 188
RGB Percent	97%, 3%, 74%
CMY	0.0275, 0.9725, 0.2627
CMYK	0.00, 0.97, 0.24, 0.03
HSL	315°, 95%, 50%
HSV	315°, 97%, 97%
XYZ	47.8645, 23.7393, 49.6363
YIQ	99.6930, 85.5350, 107.3830

# Conversions

## Conversions Part 2

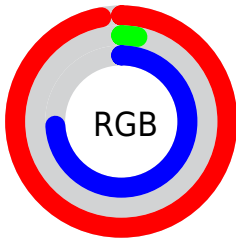
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 7, 188
Decimal	16254908
CIE <sub>Lab</sub>	55.83, 88.20, -30.09
CIE <sub>LCh</sub>	56, 93.194, 341.165
Yxy	23.7393, 0.3948, 0.1958
Android (android.graphics.Color)	4294444988 (0xFFFF807BC)
YUV	99.6930, 43.5354, 130.0652
Hunter-Lab	48.7229, 90.0898, -26.2954

# Details

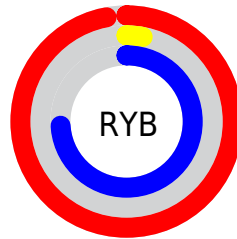
The YUV color **99.6930, 43.5354, 130.0652** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **155.3070, -43.5354, -130.0652**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0490, 39.9088, 79.7640**, and **70.8900, 31.1132, 100.9515** is the 20% darker color. If you saturate the color by 10%, you get **95.3560, 44.6875, 133.8688**, and if you desaturate by 10%, it is **115.0520, 38.9214, 116.5954**.

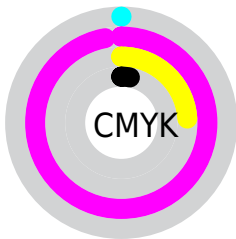
# Distribution



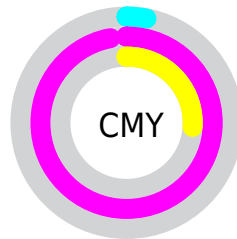
- Red (97%)
- Green (3%)
- Blue (74%)



- Red (97%)
- Yellow (3%)
- Blue (74%)



- Cyan (0%)
- Magenta (97%)
- Yellow (24%)
- Black (3%)




- Cyan (3%)
- Magenta (97%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 99.6930, 43.5354, 130.0652 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 99.6930, 43.5354, 130.0652 by changing the saturation by 10% instead.




 99.6930, 43.5354,  
130.0652


 99.6930, 43.5354,  
130.0652

255.0000, 0.0000,  
0.0000


 83.2370, 38.3372,  
117.3102


 164.0490, 39.9088,  
79.7640


 70.8900, 31.1132,  
100.9515


 183.9730, 35.0163,  
62.2907

 59.0700, 24.6155,  
85.0076

 202.1700, 26.0452,  
46.3319

 47.2500, 18.1178,  
69.0637

 220.3670, 17.0741,  
30.3731

 35.6580, 12.4936,  
52.9199

 238.5640, 8.1029,  
14.4144

 24.6640, 6.5746,  
38.0057

 12.9580, 0.5137,

21.9618

■ 0.0000, 0.0000,  
0.0000

■ 99.6930, 43.5354,  
130.0652

■ 99.6930, 43.5354,  
130.0652

■ 95.3560, 44.6875,  
133.8688

■ 115.0520, 38.9214,  
116.5954

■ 130.4110, 34.3074,  
103.1256

■ 145.2970, 30.4196,  
90.0705

■ 160.6560, 25.8056,  
76.6007

■ 176.0150, 21.1916,  
63.1308

191.3740, 16.5776,  
49.6610

206.7330, 11.9636,  
36.1912

221.5050, 7.6390,  
23.2361

236.9780, 3.4618,  
9.6663

# Harmonies

## Analogous

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



134.1920, 59.5583, 30.5266



99.6930, 43.5354, 130.0652



88.5570, 9.5854, 145.9705

# Triad

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



99.6930, 43.5354, 130.0652



122.5450, -60.4147, 10.9230



124.8020, 56.7926, -109.4514

# Complementary

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



99.6930, 43.5354, 130.0652



155.3070, -43.5354, -130.0652

# 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.



116.6110, 22.8698, -102.2678



99.6930, 43.5354, 130.0652



93.0670, -45.8820, -77.2348

# Square

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



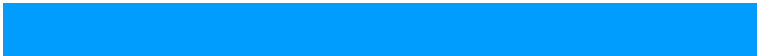
99.6930, 43.5354, 130.0652



125.2670, -61.7566, 68.1718



105.0460, -13.8267, -92.1253



121.2290, 65.9491, -106.3178



# Rectangle

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



99.6930, 43.5354, 130.0652



100.1250, -22.2466, 135.8254



105.0460, -13.8267, -92.1253



122.6530, 46.0201, -107.5667

# Sweetspot

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



99.6930, 43.5354, 130.0652



209.5100, 13.5526, 39.8947



51.2180, 97.0135, 10.3328



100.2170, 7.7810, 24.3657



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.



99.6930, 43.5354, 130.0652



98.1330, 46.2764, 137.5724



86.3550, -7.5700, 141.7627



117.0270, 2.4517, 6.9923



72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024



# Inverse Universe

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



99.6930, 43.5354, 130.0652



98.1330, 46.2764, 137.5724



168.6450, 7.5700, -141.7627



117.0270, 2.4517, 6.9923



72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024



# Previews

## White Background



This preview shows how the YUV color 99.6930, 43.5354, 130.0652 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

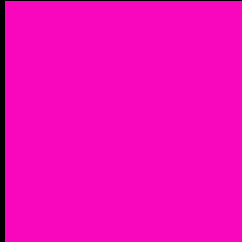
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 99.6930, 43.5354, 130.0652 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 99.6930, 43.5354, 130.0652

## Background



This preview shows how black text looks on a background with the YUV color 99.6930, 43.5354, 130.0652.



This preview shows how white text looks on a background with the YUV color 99.6930, 43.5354,



# 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

99.6930, 43.5354, 130.0652

### Protanopia

125.7010, 63.7444, -52.3578

### Deuteranopia

135.2220, 20.1036, -8.0877



## Tritanopia

124.0900, -22.7224, 101.6531

# Trichromacy



## Original Color

99.6930, 43.5354, 130.0652



## Protanomaly

116.2840, 56.5550, 13.7829



## Deuteranomaly

122.4190, 28.3874, 41.7285



## Tritanomaly

115.4590, 1.2527, 111.8535

# Monochromacy



## Original Color

99.6930, 43.5354, 130.0652



## Achromatopsia

100.0000, 0.0000, 0.0000



## Achromatomaly

99.8360, 15.8569, 47.5018

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.6930, 43.5354, 130.0652 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(248, 7, 188)` looks like.

```
.text, #text, p{  
    color:rgb(248, 7, 188)  
}
```

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(248, 7, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 7, 188) }
```

## Border

The CSS property to change the border of an element to YUV 99.6930, 43.5354, 130.0652 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(248, 7, 188) }
```



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

```
.border{ border-color:rgb(248, 7, 188) }
```

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

Here you see how a box with a 4 pixel rgb(248, 7, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 7, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 7, 188);  
box-shadow:4px 4px 4px 4px rgb(248, 7,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 99.6930, 43.5354, 130.0652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 7, 188) }
```

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

```
.background{ background-color: rgb(248, 7,  
188) }
```

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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