

# Converting Colors

YUV(97.6020, 21.3952,  
138.0380)

Have a look what the booklet for  
YUV(97.6020, 21.3952, 138.0380)  
contains.

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# Color

**YUV(97.6020, 21.3952,  
138.0380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF098D
RGB	255, 9, 141
RGB Percent	100%, 4%, 55%
CMY	0.0000, 0.9647, 0.4471
CMYK	0.00, 0.96, 0.45, 0.00
HSL	328°, 100%, 52%
HSV	328°, 96%, 100%
XYZ	46.1454, 23.3785, 27.2797
YIQ	97.6020, 104.2440, 93.2040

# Conversions

## Conversions Part 2

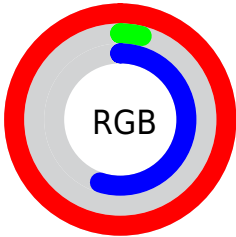
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 9, 141
Decimal	16714125
CIE <sub>Lab</sub>	55.46, 84.96, -2.88
CIE <sub>LCh</sub>	55, 85.008, 358.061
Yxy	23.3785, 0.4767, 0.2415
Android (android.graphics.Color)	4294904205 (0xFFFF098D)
YUV	97.6020, 21.3952, 138.0380
Hunter-Lab	48.3513, 85.7418, 0.3946

# Details

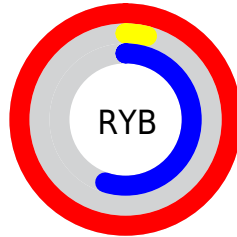
The YUV color **97.6020, 21.3952, 138.0380** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **166.3980, -21.3952, -138.0380**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2350, 17.6321, 84.8629**, and **67.7820, 11.4465, 108.9392** is the 20% darker color. If you saturate the color by 10%, you get **91.8630, 22.2525, 143.0711**, and if you desaturate by 10%, it is **113.6450, 19.4020, 123.9683**.

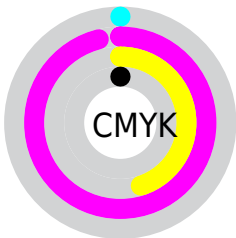
# Distribution



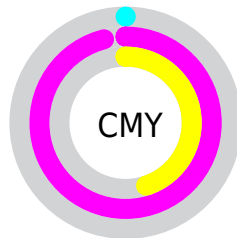
- Red (100%)
- Green (4%)
- Blue (55%)



- Red (100%)
- Yellow (4%)
- Blue (55%)



- Cyan (0%)
- Magenta (96%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (96%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.6020, 21.3952, 138.0380 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 97.6020, 21.3952, 138.0380 by changing the saturation by 10% instead.





 97.6020, 21.3952,  
138.0380


 97.6020, 21.3952,  
138.0380

255.0000, 0.0000,  
0.0000


 79.9010, 17.7968,  
125.4978


 158.2350, 17.6321,  
84.8629


 67.7820, 11.4465,  
108.9392


 180.2110, 20.6020,  
65.5900

 55.5920, 6.1171,  
91.5658


 201.7140, 24.2980,  
46.7318


 43.8150, 1.0772,  
74.7072

 219.7800, 17.3635,  
30.8879

 32.5650, -3.2365,  
58.2635

 237.9770, 8.3923,  
14.9292

 20.9730, -8.8607,  
42.1197

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,  
0.0000

■ 97.6020, 21.3952,  
138.0380

■ 97.6020, 21.3952,  
138.0380

■ 91.8630, 22.2525,  
143.0711

■ 113.6450, 19.4020,  
123.9683

■ 130.2750, 17.1194,  
109.3838

■ 146.7910, 14.4000,  
94.8993

■ 162.8340, 12.4068,  
80.8296

■ 179.4640, 10.1242,  
66.2451

■ 195.5070, 8.1310,  
52.1754

■ 212.1370, 5.8485,  
37.5909

■ 228.1800, 3.8553,  
23.5211

■ 244.6960, 1.1359,  
9.0366

# Harmonies

## Analogous

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



129.2440, 40.7987, 74.3310



97.6020, 21.3952, 138.0380



110.5150, -20.4669, 124.9593

# Triad

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



97.6020, 21.3952, 138.0380



114.3840, -56.3913, -19.6308



122.4030, 65.3703, -107.3474

# Complementary

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



97.6020, 21.3952, 138.0380



166.3980, -21.3952, -138.0380

# 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.



119.1820, 40.3363, -104.5226



97.6020, 21.3952, 138.0380



98.4630, -26.3573, -86.3521

# Square

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



97.6020, 21.3952, 138.0380



124.4710, -61.3642, 35.5439



110.0450, 7.8658, -96.5095



113.5980, 69.7112, -99.6254



# Rectangle

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



97.6020, 21.3952, 138.0380



118.9950, -52.2555, 100.8594



110.0450, 7.8658, -96.5095



122.0950, 59.1132, -107.0773

# Sweetspot

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



97.6020, 21.3952, 138.0380



207.6860, 6.5638, 41.4944



70.2330, 91.0901, 43.6457



99.1910, 3.8498, 25.2655



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.



97.6020, 21.3952, 138.0380



91.8630, 22.2525, 143.0711



83.9220, -31.0205, 150.0354



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465



# Inverse Universe

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



97.6020, 21.3952, 138.0380



91.8630, 22.2525, 143.0711



180.0780, 31.0205, -150.0354



119.6850, 1.1413, 7.2923



68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465



# Previews

## White Background



This preview shows how the YUV color 97.6020, 21.3952, 138.0380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

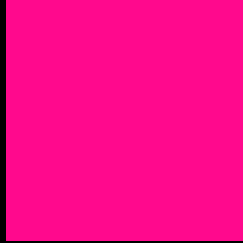
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 97.6020, 21.3952, 138.0380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

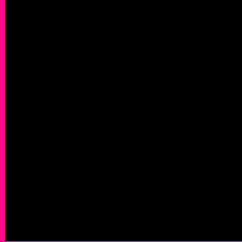
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 97.6020, 21.3952, 138.0380

## Background



This preview shows how black text looks on a background with the YUV color 97.6020, 21.3952, 138.0380.



This preview shows how white text looks on a background with the YUV color 97.6020, 21.3952,



# 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

97.6020, 21.3952, 138.0380

### Protanopia

133.2170, 34.4030, -21.2383

### Deuteranopia

134.7950, -2.3639, 11.5808



## Tritanopia

114.4190, -28.3076, 119.7815

# Trichromacy



## Original Color

97.6020, 21.3952, 138.0380



## Protanomaly

120.0270, 29.5667, 36.8103



## Deuteranomaly

121.0840, 6.3676, 57.8083



## Tritanomaly

108.2730, -9.9946, 126.0486

# Monochromacy



## Original Color

97.6020, 21.3952, 138.0380



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

98.0830, 7.8471, 49.9162

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.6020, 21.3952, 138.0380 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, 9, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 9, 141)  
}
```

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, 9, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 9, 141) }
```

## Border

The CSS property to change the border of an element to YUV 97.6020, 21.3952, 138.0380 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, 9, 141) }
```



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

```
.border{ border-color:rgb(255, 9, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 9, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 9, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 9, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 9,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 97.6020, 21.3952, 138.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 9, 141) }
```

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

```
.background{ background-color: rgb(255, 9,  
141) }
```

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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