

# Converting Colors

YUV(97.3520, 57.5075,  
128.6103)

Have a look what the booklet for  
YUV(97.3520, 57.5075, 128.6103)  
contains.

<b>YUV(97.3520, 57.5075, 128.6103)</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> .....	30

# Color

**YUV(97.3520, 57.5075,  
128.6103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F400D6
RGB	244, 0, 214
RGB Percent	96%, 0%, 84%
CMY	0.0431, 1.0000, 0.1608
CMYK	0.00, 1.00, 0.12, 0.04
HSL	307°, 100%, 48%
HSV	307°, 100%, 96%
XYZ	49.4458, 24.0881, 65.6617
YIQ	97.3520, 76.7300, 118.2820

# Conversions

## Conversions Part 2

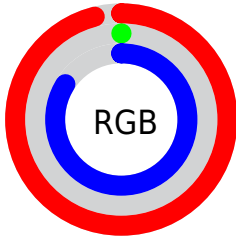
Format	Color
<a href="#">RYB</a>	244, 0, 214
Decimal	15990998
CIELab	56.18, 91.03, -44.53
CIElCh	56, 101.336, 333.932
Yxy	24.0881, 0.3552, 0.1731
Android (android.graphics.Color)	4294181078 (0xFFFF400D6)
YUV	97.3520, 57.5075, 128.6103
Hunter-Lab	49.0797, 93.9423, -44.9659

# Details

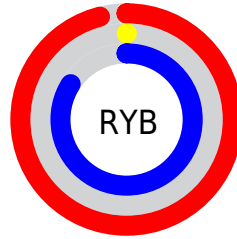
The YUV color **97.3520, 57.5075, 128.6103** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **146.6480, -57.5075, -128.6103**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **72.8430, 42.4754, 96.6077** is the 20% darker color. If you saturate the color by 10%, you get **97.3520, 57.5075, 128.6103**, and if you desaturate by 10%, it is **111.7820, 51.8725, 115.9552**.

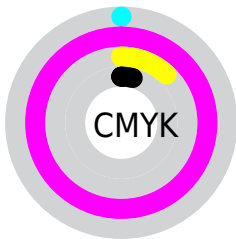
# Distribution



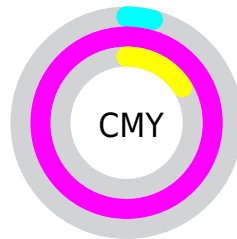
- Red (96%)
- Green (0%)
- Blue (84%)



- Red (96%)
- Yellow (0%)
- Blue (84%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.3520, 57.5075, 128.6103 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 97.3520, 57.5075, 128.6103 by changing the saturation by 10% instead.





 97.3520, 57.5075,  
128.6103


 97.3520, 57.5075,  
128.6103


255.0000, 0.0000,  
0.0000


 84.8910, 49.8467,  
112.3516


 164.6020, 44.5662,  
79.2790


 72.8430, 42.4754,  
96.6077


 183.9730, 35.0163,  
62.2907

 60.7950, 35.1041,  
80.8638


 202.1700, 26.0452,  
46.3319

 48.8610, 28.1695,  
65.0199

 220.3670, 17.0741,  
30.3731

 37.3400, 21.5244,  
49.6908

 237.9770, 8.3923,  
14.9292

 26.3460, 15.6054,  
34.7766

 14.7540, 9.9813,

18.6327

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 97.3520, 57.5075,  
128.6103

■ 111.7820, 51.8725,  
115.9552

■ 126.7990, 45.9481,  
102.7853

■ 141.2290, 40.3131,  
90.1302

■ 156.2460, 34.3887,  
76.9603

■ 170.6760, 28.7537,  
64.3051

■ 185.1060, 23.1187,  
51.6500

■ 200.1230, 17.1944,  
38.4801

■ 214.5530, 11.5594,  
25.8250

■ 229.5700, 5.6350,  
12.6551

# Harmonies

## Analogous

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



129.5970, 61.8237, 3.8614



97.3520, 57.5075, 128.6103



90.7230, 17.8846, 144.0709

# Triad

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



97.3520, 57.5075, 128.6103



125.8780, -62.0579, 24.6630



125.6510, 52.4301, -110.1959

# Complementary

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



97.3520, 57.5075, 128.6103



146.6480, -57.5075, -128.6103

# 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.



115.7330, 14.4286, -101.4978



97.3520, 57.5075, 128.6103



106.5220, -52.5153, -49.5698

# Square

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



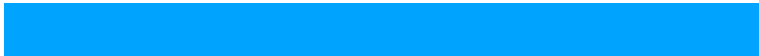
97.3520, 57.5075, 128.6103



123.6160, -60.9427, 87.1598



102.2130, -27.2200, -89.6408



125.3380, 63.9234, -109.9214



# Rectangle

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



97.3520, 57.5075, 128.6103



84.2250, -7.0129, 149.7697



102.2130, -27.2200, -89.6408



123.1600, 40.3471, -108.0113

# Sweetspot

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



97.3520, 57.5075, 128.6103



209.3620, 18.0625, 40.0245



36.1880, 102.4513, -7.1809



100.3140, 10.6912, 24.2806



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.



97.3520, 57.5075, 128.6103



101.7810, 60.2540, 134.3731



83.6720, 5.0917, 140.6077



114.8420, 3.0359, 6.2776



74.1960, 43.7804, 98.0521



23.4550, 13.5797, 31.1730



# Inverse Universe

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



97.3520, 57.5075, 128.6103



101.7810, 60.2540, 134.3731



160.3280, -5.0917, -140.6077



114.8420, 3.0359, 6.2776



74.1960, 43.7804, 98.0521



23.4550, 13.5797, 31.1730



# Previews

## White Background



This preview shows how the YUV color 97.3520, 57.5075, 128.6103 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

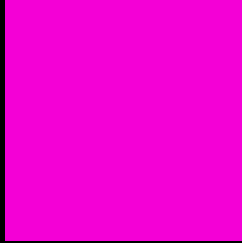
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 97.3520, 57.5075, 128.6103 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

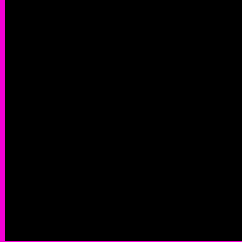
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 97.3520, 57.5075, 128.6103

## Background



This preview shows how black text looks on a background with the YUV color 97.3520, 57.5075, 128.6103.



This preview shows how white text looks on a background with the YUV color 97.3520, 57.5075,



# 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



### Protanopia

126.8860, 63.1602, -51.6430

### Deuteranopia

134.4510, 32.8087, -23.1975

### Tritanopia

129.1210, -19.7797, 91.1019

# Trichromacy



## Protanomaly

116.1360, 61.0650, 13.9127

## Deuteranomaly

120.9090, 41.9499, 31.6518

## Tritanomaly

117.2500, 8.2578, 105.0208

# Monochromacy



## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.2040, 21.0984, 46.3021

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.3520, 57.5075, 128.6103 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(244, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 0, 214)  
}
```

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(244, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 0, 214) }
```

## Border

The CSS property to change the border of an element to YUV 97.3520, 57.5075, 128.6103 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(244, 0, 214) }
```

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

```
.border{ border-color:rgb(244, 0, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 0, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 0,  
214) }
```



# Background

The CSS property to change the background color of an element to YUV 97.3520, 57.5075, 128.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 0, 214) }
```

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

```
.background{ background-color: rgb(244, 0,  
214) }
```

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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