

# Converting Colors

YUV(98.2130, 7.7830, 117.3312)

Have a look what the booklet for  
YUV(98.2130, 7.7830, 117.3312)  
contains.

<b>YUV(98.2130, 7.7830, 117.3312)</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> .....	31

# Color

**YUV(98.2130, 7.7830,  
117.3312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E81B72
RGB	232, 27, 114
RGB Percent	91%, 11%, 45%
CMY	0.0902, 0.8941, 0.5529
CMYK	0.00, 0.88, 0.51, 0.09
HSL	335°, 82%, 51%
HSV	335°, 88%, 91%
XYZ	36.7079, 19.1546, 17.6821
YIQ	98.2130, 94.2530, 70.5170

# Conversions

## Conversions Part 2

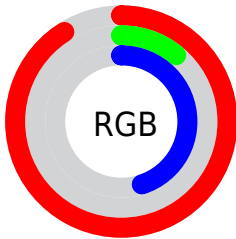
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 27, 114</a>
Decimal	<a href="#">15211378</a>
CIELab	<a href="#">50.87, 75.90, 6.17</a>
CIElCh	<a href="#">51, 76.148, 4.650</a>
Yxy	<a href="#">19.1546, 0.4991, 0.2604</a>
Android (android.graphics.Color)	<a href="#">4293401458</a> ( <a href="#">0xFFE81B72</a> )
YUV	<a href="#">98.2130, 7.7830, 117.3312</a>
Hunter-Lab	<a href="#">43.7659, 73.1233, 6.6821</a>

# Details

The YUV color **98.2130, 7.7830, 117.3312** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **160.7870, -7.7830, -117.3312**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0430, 5.4018, 87.6623**, and **58.1690, 4.3537, 97.1988** is the 20% darker color. If you saturate the color by 10%, you get **83.2300, 8.7606, 130.4713**, and if you desaturate by 10%, it is **113.1960, 6.8054, 104.1911**.

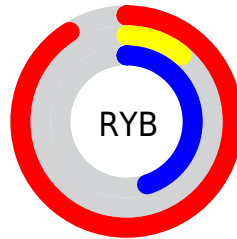
# Distribution



Red (91%)

Green (11%)

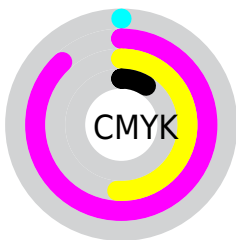
Blue (45%)



Red (91%)

Yellow (11%)

Blue (45%)

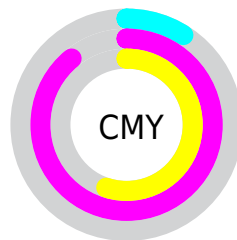


Cyan (0%)

Magenta (88%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (89%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.2130, 7.7830, 117.3312 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 98.2130, 7.7830, 117.3312 by changing the saturation by 10% instead.





 98.2130, 7.7830,  
117.3312


 98.2130, 7.7830,  
117.3312


255.0000, 0.0000,  
0.0000


 70.3590, 9.6830,  
114.5722


 155.0430, 5.4018,  
87.6623


 58.1690, 4.3537,  
97.1988


 175.7310, 8.5136,  
69.5189


 46.6910, -0.8337,  
80.9550


 196.4190, 11.6254,  
51.3755

 35.1420, -5.0000,  
63.8965

 217.3350, 15.6108,  
33.0322

 24.3760, -10.0454,  
48.7822

 235.6290, 9.5499,  
16.9884

 14.2810, -6.0545,  
28.6946

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 98.2130, 7.7830,  
117.3312

■ 98.2130, 7.7830,  
117.3312

■ 83.2300, 8.7606,  
130.4713

■ 113.1960, 6.8054,  
104.1911

■ 80.5400, 8.6078,  
132.8304

■ 128.2930, 6.2646,  
90.9510

■ 143.8630, 4.9975,  
77.2961

■ 158.8460, 4.0199,  
64.1561

■ 173.9430, 3.4791,  
50.9160

■ 188.9260, 2.5015,  
37.7759

■ 203.9090, 1.5239,  
24.6358

■ 219.5930, 0.6937,  
10.8809

■ 234.5760, -0.2840,  
-2.2592

# Harmonies

## Analogous

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



115.6330, 30.7469, 78.3749



98.2130, 7.7830, 117.3312



107.4230, -27.8165, 102.2380

# Triad

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



98.2130, 7.7830, 117.3312



100.7510, -49.6702, -28.7226



110.6000, 63.3012, -96.9962

# Complementary

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



98.2130, 7.7830, 117.3312



160.7870, -7.7830, -117.3312

# 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.



108.9920, 41.9089, -95.5860



98.2130, 7.7830, 117.3312



92.0690, -15.3170, -80.7445

# Square

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



98.2130, 7.7830, 117.3312



112.8760, -55.6479, 22.0337



102.2830, 13.6645, -89.7022



103.2770, 73.3204, -90.5739



# Rectangle

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



98.2130, 7.7830, 117.3312



110.5920, -54.5219, 81.0418



102.2830, 13.6645, -89.7022



110.9930, 57.1915, -97.3409

# Sweetspot

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



98.2130, 7.7830, 117.3312



209.9370, 2.4961, 39.5203



85.0540, 72.4444, 50.8186



101.1970, 1.3819, 23.5062



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.



98.2130, 7.7830, 117.3312



88.5570, 9.5854, 145.9705



96.5130, -34.2699, 118.8221



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541



# Inverse Universe

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



98.2130, 7.7830, 117.3312



88.5570, 9.5854, 145.9705



162.4870, 34.2699, -118.8221



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541



# Previews

## White Background



This preview shows how the YUV color 98.2130, 7.7830, 117.3312 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

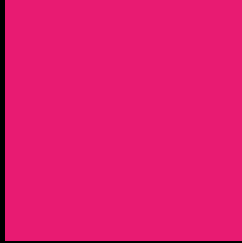
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.2130, 7.7830, 117.3312 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 98.2130, 7.7830, 117.3312

## Background



This preview shows how black text looks on a background with the YUV color 98.2130, 7.7830, 117.3312.



This preview shows how white text looks on a background with the YUV color 98.2130, 7.7830,



# 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

98.2130, 7.7830, 117.3312

### Protanopia

122.6840, 19.3828, -10.2469

### Deuteranopia

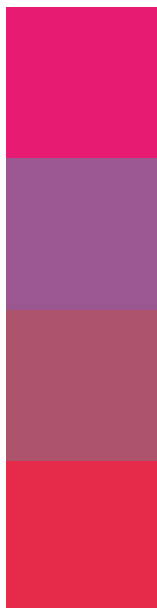
122.5090, -8.6319, 15.3396



## Tritanopia

104.2220, -26.2384, 109.4303

# Trichromacy



## Original Color

98.2130, 7.7830, 117.3312

## Protanomaly

113.9440, 15.3106, 36.0061

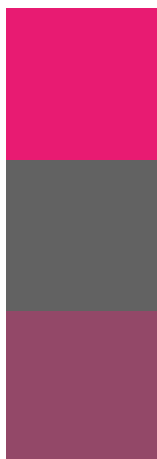
## Deuteranomaly

113.3470, -2.6361, 52.3157

## Tritanomaly

101.8600, -13.7350, 112.3788

# Monochromacy



## Original Color

98.2130, 7.7830, 117.3312

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.0730, 2.9220, 42.9090

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.2130, 7.7830, 117.3312 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(232, 27, 114)` looks like.

```
.text, #text, p{  
    color:rgb(232, 27, 114)  
}
```

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(232, 27, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 27, 114) }
```

## Border

The CSS property to change the border of an element to YUV 98.2130, 7.7830, 117.3312 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(232, 27, 114) }
```



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

```
.border{ border-color:rgb(232, 27, 114) }
```

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

Here you see how a box with a 4 pixel rgb(232, 27, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 27, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 27, 114);  
box-shadow:4px 4px 4px 4px rgb(232, 27,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 98.2130, 7.7830, 117.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 27, 114) }
```

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

```
.background{ background-color: rgb(232, 27,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor