

# Converting Colors

YUV(98.0030, -0.4945,  
112.2534)

Have a look what the booklet for  
YUV(98.0030, -0.4945, 112.2534)  
contains.

<b>YUV(98.0030, -0.4945, 112.2534)</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(98.0030, -0.4945,  
112.2534)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E22161
RGB	226, 33, 97
RGB Percent	89%, 13%, 38%
CMY	0.1137, 0.8706, 0.6196
CMYK	0.00, 0.85, 0.57, 0.11
HSL	340°, 77%, 51%
HSV	340°, 85%, 89%
XYZ	34.0656, 18.1195, 13.0112
YIQ	98.0030, 94.4840, 60.8200

# Conversions

## Conversions Part 2

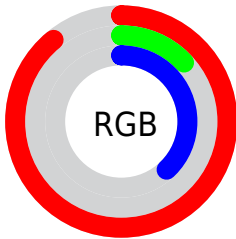
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 33, 97
Decimal	14819681
CIE Lab	49.64, 72.23, 14.66
CIE LCh	50, 73.703, 11.476
Yxy	18.1195, 0.5225, 0.2779
Android (android.graphics.Color)	4293009761 (0xFFE22161)
YUV	98.0030, -0.4945, 112.2534
Hunter-Lab	42.5670, 68.3577, 11.6741

# Details

The YUV color **98.0030, -0.4945, 112.2534** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **160.9970, 0.4945, -112.2534**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4640, -3.1868, 89.0471**, and **54.5510, -1.7506, 95.1098** is the 20% darker color. If you saturate the color by 10%, you get **82.7920, -0.3905, 125.5934**, and if you desaturate by 10%, it is **113.2140, -0.5985, 98.9133**.

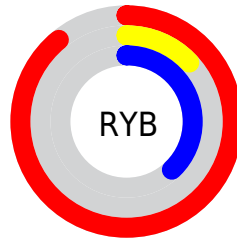
# Distribution



Red (89%)

Green (13%)

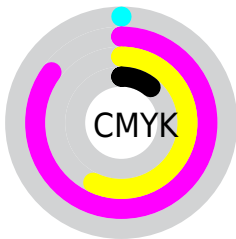
Blue (38%)



Red (89%)

Yellow (13%)

Blue (38%)

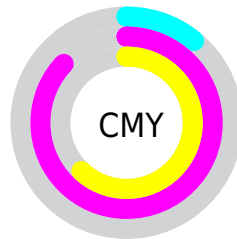


Cyan (0%)

Magenta (85%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (87%)


Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.0030, -0.4945, 112.2534 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 98.0030, -0.4945, 112.2534 by changing the saturation by 10% instead.





 98.0030, -0.4945,  
112.2534


 98.0030, -0.4945,  
112.2534


255.0000, 0.0000,  
0.0000


 66.7410, 3.5787,  
112.4831


 153.4640, -3.1868,  
89.0471

 54.5510, -1.7506,  
95.1098


 174.1520, -0.0749,  
70.9037

 43.0020, -5.9170,  
78.0512


 194.2530, 3.3263,  
53.2751

 31.1820, -12.4147,  
62.1074

 215.0550, 6.8749,  
35.0318

 22.2830, -9.0135,  
44.4788

 235.0420, 9.8393,  
17.5032

 12.3730, -5.6069,  
25.1059

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 98.0030, -0.4945,  
112.2534

■ 98.0030, -0.4945,  
112.2534

■ 82.7920, -0.3905,  
125.5934

■ 113.2140, -0.5985,  
98.9133

■ 76.1240, -0.5541,  
131.4413

■ 127.8380, -0.4131,  
86.0881


■ 143.0490, -0.5172,  
72.7480


■ 157.6730, -0.3318,  
59.9228

■ 172.9980, 0.0010,  
46.4828

■ 188.2090, -0.1030,  
33.1427

 202.8330, 0.0823,  
20.3175

 218.0440, -0.0217,  
6.9774

 232.6680, 0.1637,  
-5.8478

# Harmonies

## Analogous

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



109.0810, 24.6101, 86.7520



98.0030, -0.4945, 112.2534



106.8210, -34.9148, 92.2420

# Triad

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



98.0030, -0.4945, 112.2534



92.6890, -45.6957, -43.5773



106.9640, 64.6007, -93.8074

# Complementary

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



98.0030, -0.4945, 112.2534



160.9970, 0.4945, -112.2534

# 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.



107.3280, 45.6873, -94.1267



98.0030, -0.4945, 112.2534



92.4910, -8.6231, -81.1146

# Square

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



98.0030, -0.4945, 112.2534



108.3800, -53.4313, 11.0677



101.1890, 19.6268, -88.7428



96.8540, 71.5570, -84.9410



# Rectangle

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



98.0030, -0.4945, 112.2534



109.3410, -53.9051, 69.8609



101.1890, 19.6268, -88.7428



107.6990, 59.8014, -94.4520

# Sweetspot

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



98.0030, -0.4945, 112.2534



211.2420, -0.1193, 38.3758



93.5730, 65.2865, 60.0105



101.4420, -0.2179, 23.2914



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.



98.0030, -0.4945, 112.2534



85.9350, -0.4610, 148.2700



109.4910, -37.7101, 102.1784



104.7450, 0.1257, 6.3626



59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096



# Inverse Universe

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



98.0030, -0.4945, 112.2534



85.9350, -0.4610, 148.2700



149.5090, 37.7101, -102.1784



104.7450, 0.1257, 6.3626



59.2360, -0.6093, 102.4020

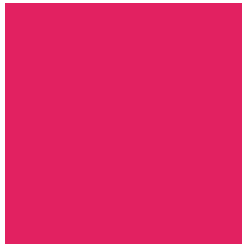


16.1760, -0.0868, 27.9096



# Previews

## White Background



This preview shows how the YUV color 98.0030, -0.4945, 112.2534 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

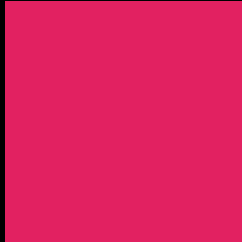
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.0030, -0.4945, 112.2534 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

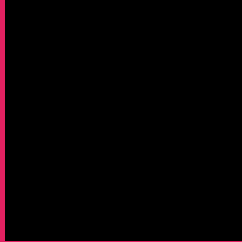
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 98.0030, -0.4945, 112.2534

## Background



This preview shows how black text looks on a background with the YUV color 98.0030, -0.4945, 112.2534.



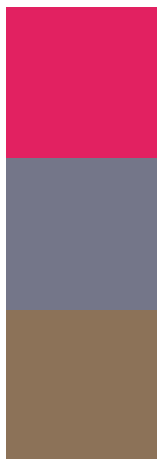
This preview shows how white text looks on a background with the YUV color 98.0030, -0.4945,



# 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

98.0030, -0.4945, 112.2534

### Protanopia

119.5680, 8.5940, -3.1291

### Deuteranopia

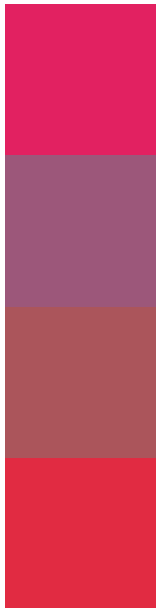
118.8100, -15.1893, 18.5836



## Tritanopia

100.6240, -25.9436, 108.2008

# Trichromacy



## Original Color

98.0030, -0.4945, 112.2534

## Protanomaly

111.6210, 5.1168, 38.9204

## Deuteranomaly

111.3980, -10.0562, 52.2710

## Tritanomaly

100.0400, -16.7817, 109.5899

# Monochromacy



## Original Color

98.0030, -0.4945, 112.2534

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.9650, 0.0173, 41.2497

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.0030, -0.4945, 112.2534 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(226, 33, 97)` looks like.

```
.text, #text, p{  
    color:rgb(226, 33, 97)  
}
```

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(226, 33, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 33, 97) }
```

## Border

The CSS property to change the border of an element to YUV 98.0030, -0.4945, 112.2534 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(226, 33, 97) }
```



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

```
.border{ border-color:rgb(226, 33, 97) }
```

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

Here you see how a box with a 4 pixel rgb(226, 33, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 33, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 33, 97);  
box-shadow:4px 4px 4px 4px rgb(226, 33,  
97) }
```

# Background

The CSS property to change the background color of an element to YUV 98.0030, -0.4945, 112.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 33, 97) }
```

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

```
.background{ background-color: rgb(226, 33,  
97) }
```

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