

# Converting Colors

YUV(81.8540, 12.3970,  
130.8010)

Have a look what the booklet for  
YUV(81.8540, 12.3970, 130.8010)  
contains.

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# Color

**YUV(81.8540, 12.3970,  
130.8010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7016B
RGB	231, 1, 107
RGB Percent	91%, 0%, 42%
CMY	0.0941, 0.9961, 0.5804
CMYK	0.00, 1.00, 0.54, 0.09
HSL	332°, 99%, 45%
HSV	332°, 100%, 91%
XYZ	35.6197, 18.0722, 15.5208
YIQ	81.8540, 103.0540, 81.7260

# Conversions

## Conversions Part 2

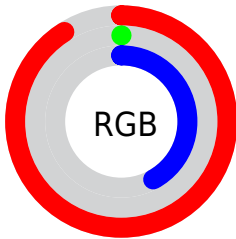
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 1, 107
Decimal	15139179
CIE Lab	49.58, 77.80, 8.60
CIE LCh	50, 78.271, 6.308
Yxy	18.0722, 0.5146, 0.2611
Android (android.graphics.Color)	4293329259 (0xFFE7016B)
YUV	81.8540, 12.3970, 130.8010
Hunter-Lab	42.5114, 75.1678, 8.1113

# Details

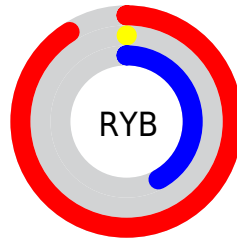
The YUV color **81.8540, 12.3970, 130.8010** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **150.1460, -12.3970, -130.8010**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4350, 4.2225, 92.5805**, and **57.0720, 1.4435, 97.2839** is the 20% darker color. If you saturate the color by 10%, you get **81.1530, 12.2496, 131.4158**, and if you desaturate by 10%, it is **96.7230, 10.9826, 117.7609**.

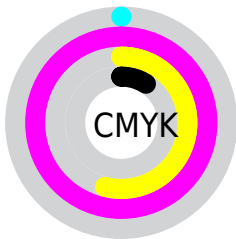
# Distribution



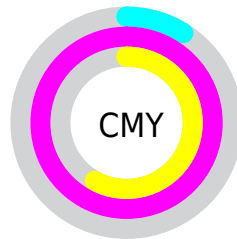
- Red (91%)
- Green (0%)
- Blue (42%)



- Red (91%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (9%)




- Cyan (9%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.8540, 12.3970, 130.8010 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 81.8540, 12.3970, 130.8010 by changing the saturation by 10% instead.




 81.8540, 12.3970,  
130.8010

 81.8540, 12.3970,  
130.8010


255.0000, 0.0000,  
0.0000


 68.9630, 6.9202,  
114.0424


 149.4350, 4.2225,  
92.5805


 57.0720, 1.4435,  
97.2839


 170.7100, 7.0450,  
73.9223


 45.4090, -3.1596,  
80.3253


 191.3980, 10.1568,  
55.7790


 33.8600, -7.3260,  
63.2668

 212.3140, 14.1422,  
37.4356

 23.4790, -9.6031,  
46.9379

 231.5200, 11.5756,  
20.5920

 13.5690, -6.1965,  
27.5650

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 81.8540, 12.3970,  
130.8010

■ 81.8540, 12.3970,  
130.8010

■ 81.1530, 12.2496,  
131.4158

■ 96.7230, 10.9826,  
117.7609

■ 111.7060, 10.0049,  
104.6208

■ 126.5750, 8.5905,  
91.5807

■ 141.5580, 7.6129,  
78.4406

■ 157.0140, 5.9091,  
64.8857

■ 171.9970, 4.9315,  
51.7456

■ 186.8660, 3.5171,  
38.7055

■ 201.8490, 2.5394,  
25.5654

■ 216.7180, 1.1250,  
12.5253

# Harmonies

## Analogous

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



108.6060, 31.7462, 84.5375



81.8540, 12.3970, 130.8010



101.9780, -29.5692, 104.3823

# Triad

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



81.8540, 12.3970, 130.8010



95.9890, -47.3226, -35.0704



109.0670, 65.0430, -95.6518

# Complementary

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



81.8540, 12.3970, 130.8010



150.1460, -12.3970, -130.8010

# 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.



107.4590, 43.6507, -94.2415



81.8540, 12.3970, 130.8010



90.7810, -15.1750, -79.6149

# Square

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



81.8540, 12.3970, 130.8010



109.6090, -54.0372, 18.7599



100.6360, 14.9695, -88.2578



100.3420, 74.7674, -87.9999



# Rectangle

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



81.8540, 12.3970, 130.8010



107.6350, -53.0641, 80.1271



100.6360, 14.9695, -88.2578



109.4600, 58.9332, -95.9964

# Sweetspot

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



81.8540, 12.3970, 130.8010



205.7140, 4.0850, 43.2238



63.9970, 82.3325, 52.6226



98.1480, 2.3920, 26.1802



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.



81.8540, 12.3970, 130.8010



89.6970, 13.9534, 144.9707



74.4660, -36.2187, 137.2803



107.2720, 0.8519, 6.7775



62.8690, 9.4316, 101.8469



17.9850, 2.9654, 28.9542



# Inverse Universe

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



81.8540, 12.3970, 130.8010



89.6970, 13.9534, 144.9707



157.5340, 36.2187, -137.2803



107.2720, 0.8519, 6.7775



62.8690, 9.4316, 101.8469



17.9850, 2.9654, 28.9542



# Previews

## White Background



This preview shows how the YUV color 81.8540, 12.3970, 130.8010 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 81.8540, 12.3970, 130.8010 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 81.8540, 12.3970, 130.8010

## Background



This preview shows how black text looks on a background with the YUV color 81.8540, 12.3970, 130.8010.



This preview shows how white text looks on a background with the YUV color 81.8540, 12.3970,



# 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

81.8540, 12.3970, 130.8010

### Protanopia

119.8260, 17.3408, -8.6174

### Deuteranopia

120.1240, -11.4001, 16.5543



## Tritanopia

98.2010, -27.7071, 113.8337

# Trichromacy



## Original Color

81.8540, 12.3970, 130.8010



## Protanomaly

105.8030, 15.8731, 42.2688



## Deuteranomaly

106.3800, -2.6523, 57.5487



## Tritanomaly

92.4310, -13.0305, 119.7710

# Monochromacy



## Original Color

81.8540, 12.3970, 130.8010



## Achromatopsia

82.0000, 0.0000, 0.0000



## Achromatomaly

82.1490, 4.3635, 47.2273

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.8540, 12.3970, 130.8010 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(231, 1, 107)` looks like.

```
.text, #text, p{  
    color:rgb(231, 1, 107)  
}
```

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(231, 1, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 1, 107) }
```

## Border

The CSS property to change the border of an element to YUV 81.8540, 12.3970, 130.8010 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(231, 1, 107) }
```



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

```
.border{ border-color:rgb(231, 1, 107) }
```

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

Here you see how a box with a 4 pixel rgb(231, 1, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 1, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 1, 107);  
box-shadow:4px 4px 4px 4px rgb(231, 1,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 81.8540, 12.3970, 130.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 1, 107) }
```

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

```
.background{ background-color: rgb(231, 1,  
107) }
```

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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