

# Converting Colors

YUV(81.2370, 4.8132, 136.6042)

Have a look what the booklet for  
YUV(81.2370, 4.8132, 136.6042)  
contains.

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# Color

**YUV(81.2370, 4.8132,  
136.6042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED005B
RGB	237, 0, 91
RGB Percent	93%, 0%, 36%
CMY	0.0706, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.62, 0.07
HSL	337°, 100%, 46%
HSV	337°, 100%, 93%
XYZ	36.8134, 18.7599, 11.5783
YIQ	81.2370, 112.0410, 78.5450

# Conversions

## Conversions Part 2

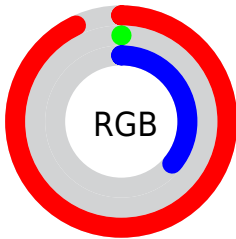
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 0, 91
Decimal	15532123
CIE <sub>Lab</sub>	50.41, 78.24, 19.74
CIE <sub>LCh</sub>	50, 80.691, 14.160
Yxy	18.7599, 0.5482, 0.2794
Android (android.graphics.Color)	4293722203 (0xFFED005B)
YUV	81.2370, 4.8132, 136.6042
Hunter-Lab	43.3126, 75.9181, 14.4696

# Details

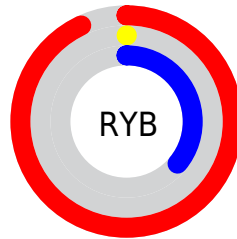
The YUV color **81.2370, 4.8132, 136.6042** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **155.7630, -4.8132, -136.6042**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4970, -3.2030, 94.2801**, and **56.9710, -5.4087, 101.7574** is the 20% darker color. If you saturate the color by 10%, you get **81.2370, 4.8132, 136.6042**, and if you desaturate by 10%, it is **97.0350, 4.4197, 122.7493**.

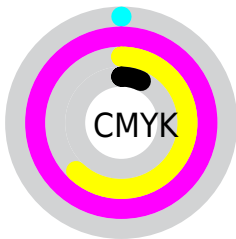
# Distribution



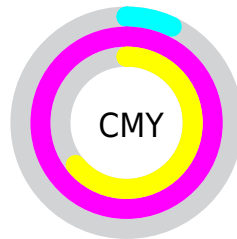
- Red (93%)
- Green (0%)
- Blue (36%)



- Red (93%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (7%)




- Cyan (7%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.2370, 4.8132, 136.6042 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 81.2370, 4.8132, 136.6042 by changing the saturation by 10% instead.





 81.2370, 4.8132,  
136.6042

 81.2370, 4.8132,  
136.6042


255.0000, 0.0000,  
0.0000

 69.0470, -0.5162,  
119.2308


 147.4970, -3.2030,  
94.2801


 56.9710, -5.4087,  
101.7574


 169.2450, -1.1068,  
75.2071

 45.2370, -8.9908,  
83.9842


 189.9330, 2.0050,  
57.0638

 33.1180, -15.3412,  
67.4255

 210.7350, 5.5536,  
38.8204

 24.3760, -10.0454,  
48.7822

 231.5370, 9.1023,  
20.5771

 14.5800, -6.2019,  
29.3093

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 81.2370, 4.8132,  
136.6042

■ 97.0350, 4.4197,  
122.7493

■ 112.1320, 3.8789,  
109.5092

■ 127.9300, 3.4855,  
95.6544

■ 143.6140, 2.6553,  
81.8995

■ 158.8250, 2.5513,  
68.5595

■ 174.6230, 2.1579,  
54.7046

■ 190.3070, 1.3276,  
40.9498

■ 206.1050, 0.9342,  
27.0949

■ 221.2020, 0.3934,  
13.8548

# Harmonies

## Analogous

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



100.6410, 28.7710, 105.5548



81.2370, 4.8132, 136.6042



105.7310, -41.7724, 98.4599

# Triad

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



81.2370, 4.8132, 136.6042



82.1800, -40.5147, -72.0719



109.9620, 71.0107, -96.4367

# Complementary

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



81.2370, 4.8132, 136.6042



155.7630, -4.8132, -136.6042

# 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.



110.7990, 51.3711, -97.1707



81.2370, 4.8132, 136.6042



94.8220, -7.3072, -83.1589

# Square

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



81.2370, 4.8132, 136.6042



109.2330, -53.8519, 5.9347



104.7910, 23.2740, -91.9017



98.3360, 77.2354, -86.2407



# Rectangle

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



81.2370, 4.8132, 136.6042



111.4120, -54.9261, 70.6757



104.7910, 23.2740, -91.9017



111.2840, 65.9220, -97.5961

# Sweetspot

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



81.2370, 4.8132, 136.6042



205.0300, 1.4642, 43.8237



69.4760, 82.5893, 63.6035



97.6920, 0.6448, 26.5801



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.



81.2370, 4.8132, 136.6042



87.4170, 5.2174, 146.9703



84.9510, -41.8808, 133.3470



109.7450, 0.1257, 6.3626



62.0990, 3.8952, 104.2762



18.5400, 1.2128, 31.0984



# Inverse Universe

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



81.2370, 4.8132, 136.6042



87.4170, 5.2174, 146.9703



152.0490, 41.8808, -133.3470



109.7450, 0.1257, 6.3626



62.0990, 3.8952, 104.2762



18.5400, 1.2128, 31.0984



# Previews

## White Background



This preview shows how the YUV color 81.2370, 4.8132, 136.6042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

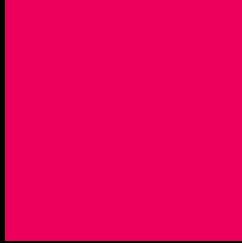
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 81.2370, 4.8132, 136.6042 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 81.2370, 4.8132, 136.6042

## Background



This preview shows how black text looks on a background with the YUV color 81.2370, 4.8132, 136.6042.



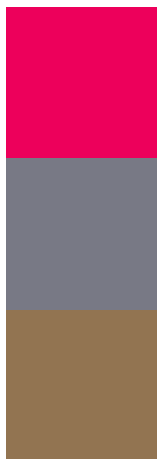
This preview shows how white text looks on a background with the YUV color 81.2370, 4.8132,



# 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

81.2370, 4.8132, 136.6042

### Protanopia

122.0690, 5.3890, -1.8145

### Deuteranopia

120.9800, -19.7101, 21.9425



## Tritanopia

95.8600, -30.4970, 122.0258

# Trichromacy



## Original Color

81.2370, 4.8132, 136.6042



## Protanomaly

107.3880, 5.2317, 48.7717



## Deuteranomaly

106.6490, -10.6730, 63.4518



## Tritanomaly

90.9220, -17.7095, 127.2334

# Monochromacy



## Original Color

81.2370, 4.8132, 136.6042



## Achromatopsia

81.0000, 0.0000, 0.0000



## Achromatomaly

81.4760, 1.7373, 49.5715

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.2370, 4.8132, 136.6042 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(237, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 91)  
}
```

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(237, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 91) }
```

## Border

The CSS property to change the border of an element to YUV 81.2370, 4.8132, 136.6042 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(237, 0, 91) }
```



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

```
.border{ border-color:rgb(237, 0, 91) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 91)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.2370, 4.8132, 136.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 91) }
```

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

```
.background{ background-color: rgb(237, 0,  
91) }
```

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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