

# Converting Colors

YUV(77.0080, 5.4191, 128.9120)

Have a look what the booklet for  
YUV(77.0080, 5.4191, 128.9120)  
contains.

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# Color

**YUV(77.0080, 5.4191,  
128.9120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00058
RGB	224, 0, 88
RGB Percent	88%, 0%, 35%
CMY	0.1216, 1.0000, 0.6549
CMYK	0.00, 1.00, 0.61, 0.12
HSL	336°, 100%, 44%
HSV	336°, 100%, 88%
XYZ	32.5019, 16.5519, 10.7143
YIQ	77.0080, 105.2560, 74.8560

# Conversions

## Conversions Part 2

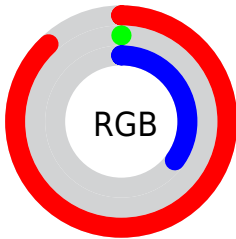
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 0, 88
Decimal	14680152
CIE <sub>Lab</sub>	47.69, 75.12, 17.48
CIE <sub>LCh</sub>	48, 77.123, 13.097
Yxy	16.5519, 0.5438, 0.2769
Android (android.graphics.Color)	4292870232 (0xFFE00058)
YUV	77.0080, 5.4191, 128.9120
Hunter-Lab	40.6840, 71.4044, 12.8645

# Details

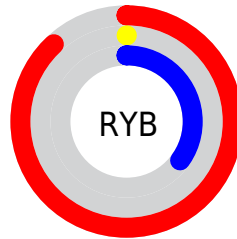
The YUV color **77.0080, 5.4191, 128.9120** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **146.9920, -5.4191, -128.9120**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8670, -4.3714, 95.7096**, and **53.1550, -4.5134, 94.5801** is the 20% darker color. If you saturate the color by 10%, you get **77.0080, 5.4191, 128.9120**, and if you desaturate by 10%, it is **91.5180, 5.1676, 116.1867**.

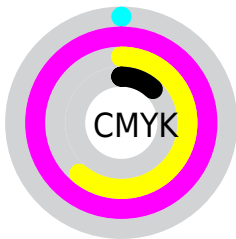
# Distribution



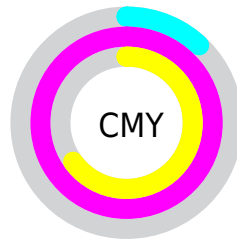
- Red (88%)
- Green (0%)
- Blue (35%)



- Red (88%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (12%)




- Cyan (12%)
- Magenta (100%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 77.0080, 5.4191, 128.9120 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 77.0080, 5.4191, 128.9120 by changing the saturation by 10% instead.




 77.0080, 5.4191,  
128.9120

 77.0080, 5.4191,  
128.9120


255.0000, 0.0000,  
0.0000


 64.8180, 0.0897,  
111.5386


 145.8670, -4.3714,  
95.7096


 53.1550, -4.5134,  
94.5801


 166.5550, -1.2596,  
77.5663

 41.6060, -8.6798,  
77.5215


 187.2430, 1.8522,  
59.4229

 29.8290, -13.7197,  
60.6630

 207.9310, 4.9640,  
41.2795

 20.9730, -8.8607,  
42.1197

 228.8470, 8.9494,  
22.9362

 10.8780, -4.8699,  
22.0320

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 77.0080, 5.4191,  
128.9120

■ 91.5180, 5.1676,  
116.1867

■ 106.5010, 4.1900,  
103.0466

■ 121.0110, 3.9386,  
90.3214

■ 135.9940, 2.9610,  
77.1813

■ 150.5040, 2.7095,  
64.4560

■ 165.0140, 2.4581,  
51.7307

■ 179.9970, 1.4805,  
38.5906

■ 194.5070, 1.2290,  
25.8654

■ 209.4900, 0.2514,  
12.7253

# Harmonies

## Analogous

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



96.6570, 27.7771, 97.6478



77.0080, 5.4191, 128.9120



99.7350, -37.8304, 94.0714

# Triad

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



77.0080, 5.4191, 128.9120



81.3710, -40.1159, -59.9614



104.1430, 66.4845, -91.3334

# Complementary

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



77.0080, 5.4191, 128.9120



146.9920, -5.4191, -128.9120

# 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.



104.6210, 48.0078, -91.7526



77.0080, 5.4191, 128.9120



89.2140, -8.4865, -78.2407

# Square

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



77.0080, 5.4191, 128.9120



103.3410, -50.9471, 7.5939



98.2540, 21.0738, -86.1688



93.3320, 73.2933, -81.8522



# Rectangle

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



77.0080, 5.4191, 128.9120



105.1990, -51.8631, 68.2315



98.2540, 21.0738, -86.1688



105.4650, 61.3958, -92.4928

# Sweetspot

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



77.0080, 5.4191, 128.9120



205.1440, 1.9010, 43.7237



65.6020, 78.0902, 59.9850



97.8060, 1.0816, 26.4801



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.



77.0080, 5.4191, 128.9120



87.6450, 6.0910, 146.7703



79.8900, -39.3858, 126.3845



104.7450, 0.1257, 6.3626



60.4900, 4.1954, 101.3023



16.5180, 1.2236, 27.6097



# Inverse Universe

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



77.0080, 5.4191, 128.9120



87.6450, 6.0910, 146.7703



144.1100, 39.3858, -126.3845



104.7450, 0.1257, 6.3626



60.4900, 4.1954, 101.3023



16.5180, 1.2236, 27.6097



# Previews

## White Background



This preview shows how the YUV color 77.0080, 5.4191, 128.9120 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 77.0080, 5.4191, 128.9120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

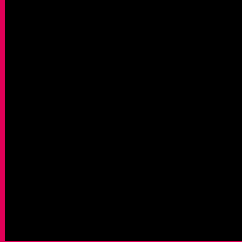
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 77.0080, 5.4191, 128.9120

## Background



This preview shows how black text looks on a background with the YUV color 77.0080, 5.4191, 128.9120.



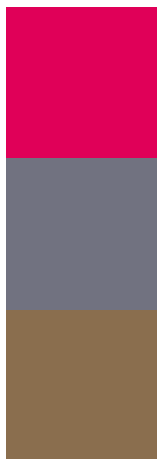
This preview shows how white text looks on a background with the YUV color 77.0080, 5.4191, 128.9120.



# 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

77.0080, 5.4191, 128.9120

### Protanopia

115.2970, 6.2626, -2.0145

### Deuteranopia

114.7240, -18.1049, 20.4131



## Tritanopia

90.6850, -28.4387, 115.1633

# Trichromacy



## Original Color

77.0080, 5.4191, 128.9120



## Protanomaly

101.4800, 5.6794, 45.1830



## Deuteranomaly

100.9690, -9.3517, 59.6632



## Tritanomaly

85.6330, -16.0881, 120.4709

# Monochromacy



## Original Color

77.0080, 5.4191, 128.9120



## Achromatopsia

77.0000, 0.0000, 0.0000



## Achromatomaly

76.8670, 2.0376, 46.5976

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 77.0080, 5.4191, 128.9120 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(224, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 88)  
}
```

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(224, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 88) }
```

## Border

The CSS property to change the border of an element to YUV 77.0080, 5.4191, 128.9120 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(224, 0, 88) }
```



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

```
.border{ border-color:rgb(224, 0, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 0, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(224, 0, 88)  
}
```

# Background

The CSS property to change the background color of an element to YUV 77.0080, 5.4191, 128.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 88) }
```

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

```
.background{ background-color: rgb(224, 0,  
88) }
```

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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