

# Converting Colors

YUV(81.2940, -5.0749,  
134.8002)

Have a look what the booklet for  
YUV(81.2940, -5.0749, 134.8002)  
contains.

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# Color

**YUV(81.2940, -5.0749,  
134.8002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB0547
RGB	235, 5, 71
RGB Percent	92%, 2%, 28%
CMY	0.0784, 0.9804, 0.7216
CMYK	0.00, 0.98, 0.70, 0.08
HSL	343°, 96%, 47%
HSV	343°, 98%, 92%
XYZ	35.4526, 18.2256, 7.6106
YIQ	81.2940, 115.8940, 69.2860

# Conversions

## Conversions Part 2

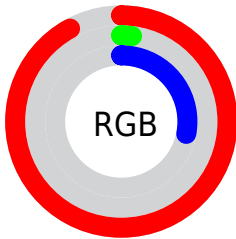
<b>Format</b>	<b>Color</b>
<b>RYB</b>	235, 5, 71
Decimal	15402311
CIELab	49.77, 76.43, 31.01
CIElCh	50, 82.485, 22.082
Yxy	18.2256, 0.5785, 0.2974
Android (android.graphics.Color)	4293592391 (0xFFEB0547)
YUV	81.2940, -5.0749, 134.8002
Hunter-Lab	42.6915, 73.5227, 19.3145

# Details

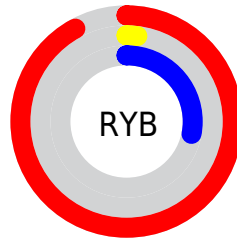
The YUV color **81.2940, -5.0749, 134.8002** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **158.7060, 5.0749, -134.8002**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9890, -12.8126, 96.4796**, and **54.1360, -12.3920, 101.6127** is the 20% darker color. If you saturate the color by 10%, you get **77.9030, -5.3752, 137.7741**, and if you desaturate by 10%, it is **97.3200, -4.5948, 120.7454**.

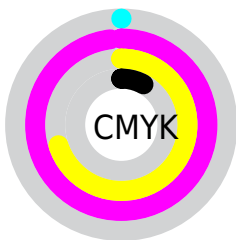
# Distribution



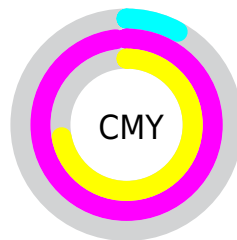
- Red (92%)
- Green (2%)
- Blue (28%)



- Red (92%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)
- Black (8%)




- Cyan (8%)
- Magenta (98%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 81.2940, -5.0749, 134.8002 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 81.2940, -5.0749, 134.8002 by changing the saturation by 10% instead.




 81.2940, -5.0749,  
134.8002


 81.2940, -5.0749,  
134.8002


255.0000, 0.0000,  
0.0000


 66.2830, -8.5205,  
119.9008


 144.9890,  
-12.8126, 96.4796


 54.1360, -12.3920,  
101.6127


 166.1500,  
-10.4270, 77.9214


 41.8320, -18.1582,  
84.3393


 187.3110, -8.0413,  
59.3633

 32.2210, -14.8990,  
65.5812

 207.4120, -4.6401,  
41.7347

 23.4790, -9.6031,  
46.9379

 228.8010, -1.3809,  
22.9765

 13.2700, -6.0491,  
26.9502

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 81.2940, -5.0749,  
134.8002

■ 81.2940, -5.0749,  
134.8002

■ 77.9030, -5.3752,  
137.7741

■ 97.3200, -4.5948,  
120.7454

■ 112.7590, -3.8252,  
107.2054

■ 128.0840, -3.4924,  
93.7653

■ 144.1100, -3.0122,  
79.7105

■ 159.5490, -2.2427,  
66.1705

■ 175.5750, -1.7625,  
52.1157

■ 191.4870, -1.7191,  
38.1609

■ 206.9260, -0.9495,  
24.6209

■ 222.3650, -0.1799,  
11.0809

# Harmonies

## Analogous

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



84.7300, 27.2481, 127.4018



81.2940, -5.0749, 134.8002



105.6300, -52.0756, 89.7785

# Triad

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



81.2940, -5.0749, 134.8002



83.7930, -36.8729, -73.4865



107.1410, 72.8945, -93.9627

# Complementary

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



81.2940, -5.0749, 134.8002



158.7060, 5.0749, -134.8002

# 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.



111.2210, 58.0650, -97.5408



81.2940, -5.0749, 134.8002



96.7600, 0.1183, -84.8585

# Square

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



81.2940, -5.0749, 134.8002



104.4160, -51.4771, -9.1348



105.6690, 31.7152, -92.6717



104.1550, 71.9016, -55.3869



# Rectangle

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



81.2940, -5.0749, 134.8002



111.3350, -54.8882, 58.4652



105.6690, 31.7152, -92.6717



109.8480, 70.5739, -96.3367

# Sweetspot

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



81.2940, -5.0749, 134.8002



205.5200, -1.7354, 43.3940



79.3590, 76.7310, 75.9842



97.9370, -0.9549, 26.3653



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.



81.2940, -5.0749, 134.8002



84.5670, -5.7025, 149.4697



100.7720, -47.2156, 117.7180



109.6310, -0.3111, 6.4626



60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983



# Inverse Universe

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



81.2940, -5.0749, 134.8002



84.5670, -5.7025, 149.4697



139.2280, 47.2156, -117.7180



109.6310, -0.3111, 6.4626



60.0470, -3.9672, 106.0758



17.8560, -1.4080, 31.6983



# Previews

## White Background



This preview shows how the YUV color 81.2940, -5.0749, 134.8002 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 81.2940, -5.0749, 134.8002 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 81.2940, -5.0749, 134.8002

## Background



This preview shows how black text looks on a background with the YUV color 81.2940, -5.0749, 134.8002.



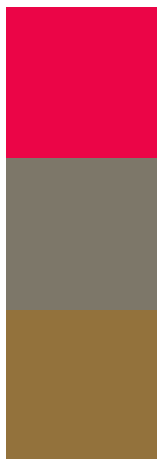
This preview shows how white text looks on a background with the YUV color 81.2940, -5.0749,



# 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

81.2940, -5.0749, 134.8002

### Protanopia

119.1980, -6.9996, 5.0884

### Deuteranopia

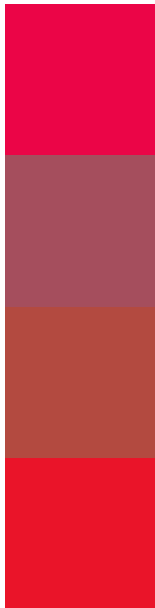
117.7110, -28.4515, 25.6865



## Tritanopia

89.7250, -32.4024, 126.5292

# Trichromacy



## Original Color

81.2940, -5.0749, 134.8002

## Protanomaly

105.7230, -6.2724, 51.9859

## Deuteranomaly

104.2550, -19.8457, 65.5514

## Tritanomaly

86.3800, -22.3723, 129.4627

# Monochromacy



## Original Color

81.2940, -5.0749, 134.8002

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

80.8520, -1.8990, 49.2418

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.2940, -5.0749, 134.8002 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(235, 5, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 5, 71)  
}
```

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(235, 5, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 5, 71) }
```

## Border

The CSS property to change the border of an element to YUV 81.2940, -5.0749, 134.8002 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(235, 5, 71) }
```



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

```
.border{ border-color:rgb(235, 5, 71) }
```

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

Here you see how a box with a 4 pixel rgb(235, 5, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 5, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 5, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 5, 71)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.2940, -5.0749, 134.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 5, 71) }
```

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

```
.background{ background-color: rgb(235, 5,  
71) }
```

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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