

# Converting Colors

YUV(96.8540, -11.2670,  
114.1380)

Have a look what the booklet for  
YUV(96.8540, -11.2670, 114.1380)  
contains.

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# Color

**YUV(96.8540, -11.2670,  
114.1380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3234A
RGB	227, 35, 74
RGB Percent	89%, 14%, 29%
CMY	0.1098, 0.8627, 0.7098
CMYK	0.00, 0.85, 0.67, 0.11
HSL	348°, 77%, 51%
HSV	348°, 85%, 89%
XYZ	33.5156, 18.0274, 8.1917
YIQ	96.8540, 101.9130, 52.8330

# Conversions

## Conversions Part 2

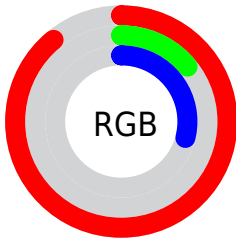
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 35, 74</a>
Decimal	<a href="#">14885706</a>
CIELab	<a href="#">49.53, 70.79, 28.55</a>
CIElCh	<a href="#">50, 76.329, 21.965</a>
Yxy	<a href="#">18.0274, 0.5611, 0.3018</a>
Android (android.graphics.Color)	<a href="#">4293075786</a> (0xFFE3234A)
YUV	<a href="#">96.8540, -11.2670, 114.1380</a>
Hunter-Lab	<a href="#">42.4586, 66.6000, 18.2820</a>

# Details

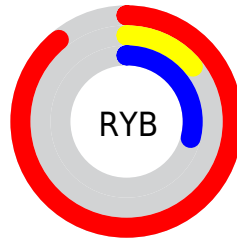
The YUV color **96.8540, -11.2670, 114.1380** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **165.1460, 11.2670, -114.1380**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6140, -14.1067, 91.5465**, and **52.2710, -10.4866, 97.1093** is the 20% darker color. If you saturate the color by 10%, you get **81.3010, -12.4734, 127.7780**, and if you desaturate by 10%, it is **112.4070, -10.0607, 100.4981**.

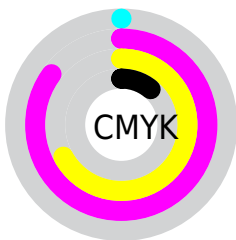
# Distribution



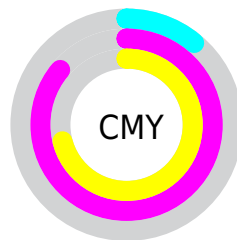
- Red (89%)
- Green (14%)
- Blue (29%)



- Red (89%)
- Yellow (14%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (67%)
- Black (11%)




- Cyan (11%)
- Magenta (86%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 96.8540, -11.2670, 114.1380 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 96.8540, -11.2670, 114.1380 by changing the saturation by 10% instead.





 96.8540, -11.2670,  
114.1380


 96.8540, -11.2670,  
114.1380


255.0000, 0.0000,  
0.0000


 64.2330, -6.0309,  
114.6827


 150.6140,  
-14.1067, 91.5465

 52.2710, -10.4866,  
97.1093


 171.1880,  
-11.4317, 73.5031

 40.4940, -15.5265,  
80.2508


 191.2890, -8.0305,  
55.8745

 30.3130, -14.4513,  
61.9925

 211.9770, -4.9187,  
37.7312

 21.9840, -8.8661,  
43.8640

 232.7790, -1.3700,  
19.4878

 11.7750, -5.3121,  
23.8763

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 96.8540, -11.2670,  
114.1380

■ 96.8540, -11.2670,  
114.1380

■ 81.3010, -12.4734,  
127.7780

■ 112.4070,  
-10.0607, 100.4981

■ 73.1170, -13.3687,  
134.9554

■ 127.3730, -8.5649,  
87.3729

■ 142.9260, -7.3585,  
73.7329


■ 158.4790, -6.1521,  
60.0929

■ 173.4450, -4.6564,  
46.9677

■ 189.1120, -3.0132,  
33.2278

 204.6650, -1.8068,  
19.5878

 220.2180, -0.6005,  
5.9478

 235.1840, 0.8953,  
-7.1774

# Harmonies

## Analogous

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



97.6600, 19.8876, 108.1692



96.8540, -11.2670, 114.1380



106.4830, -52.4961, 84.6454

# Triad

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



96.8540, -11.2670, 114.1380



84.3290, -29.7422, -73.9565



105.1690, 70.4157, -92.2332

# Complementary

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



96.8540, -11.2670, 114.1380



165.1460, 11.2670, -114.1380

# 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.



108.4340, 55.0020, -95.0966



96.8540, -11.2670, 114.1380



95.7000, 1.1339, -83.9289

# Square

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



96.8540, -11.2670, 114.1380



105.0250, -51.7773, -6.1609



103.9250, 30.1100, -91.1422



108.6850, 64.7383, -44.4507



# Rectangle

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



96.8540, -11.2670, 114.1380



110.7260, -54.5879, 55.4913



103.9250, 30.1100, -91.1422



107.4200, 66.3479, -94.2073

# Sweetspot

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



96.8540, -11.2670, 114.1380



211.6180, -3.7557, 38.0460



101.7380, 61.7542, 73.0208



101.5730, -2.2545, 23.1765



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.



96.8540, -11.2670, 114.1380



82.1730, -14.8753, 151.5693



124.1060, -43.9293, 90.2380



106.9300, -0.4585, 7.0774



57.6250, -10.6611, 106.4459



16.3890, -3.1498, 30.3538



# Inverse Universe

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



96.8540, -11.2670, 114.1380



82.1730, -14.8753, 151.5693



137.8940, 43.9293, -90.2380



106.9300, -0.4585, 7.0774



57.6250, -10.6611, 106.4459



16.3890, -3.1498, 30.3538



# Previews

## White Background



This preview shows how the YUV color 96.8540, -11.2670, 114.1380 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 96.8540, -11.2670, 114.1380 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 96.8540, -11.2670, 114.1380

## Background



This preview shows how black text looks on a background with the YUV color 96.8540, -11.2670, 114.1380.



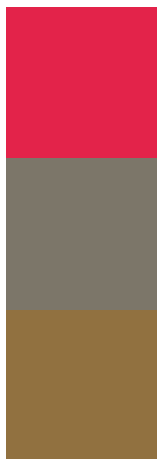
This preview shows how white text looks on a background with the YUV color 96.8540, -11.2670,



# 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

96.8540, -11.2670, 114.1380

### Protanopia

118.3120, -6.5628, 4.9884

### Deuteranopia

116.9820, -26.1201, 24.5718



## Tritanopia

97.6030, -27.4123, 112.6042

# Trichromacy



## Original Color

96.8540, -11.2670, 114.1380

## Protanomaly

110.5110, -8.1399, 44.2789

## Deuteranomaly

109.9720, -20.6922, 57.0296

## Tritanomaly

97.2100, -21.3025, 112.9488

# Monochromacy



## Original Color

96.8540, -11.2670, 114.1380

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.6400, -3.7665, 41.5347

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.8540, -11.2670, 114.1380 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(227, 35, 74)` looks like.

```
.text, #text, p{  
    color:rgb(227, 35, 74)  
}
```

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(227, 35, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 35, 74) }
```

## Border

The CSS property to change the border of an element to YUV 96.8540, -11.2670, 114.1380 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(227, 35, 74) }
```



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

```
.border{ border-color:rgb(227, 35, 74) }
```

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

Here you see how a box with a 4 pixel rgb(227, 35, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 35, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 35, 74);  
box-shadow:4px 4px 4px 4px rgb(227, 35,  
74) }
```

# Background

The CSS property to change the background color of an element to YUV 96.8540, -11.2670, 114.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 35, 74) }
```

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

```
.background{ background-color: rgb(227, 35,  
74) }
```

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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