

Converting Colors

YUV(81.9470, -8.8479,
131.5965)

Have a look what the booklet for
YUV(81.9470, -8.8479, 131.5965)
contains.

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Color

**YUV(81.9470, -8.8479,
131.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	E80940
RGB	232, 9, 64
RGB Percent	91%, 4%, 25%
CMY	0.0902, 0.9647, 0.7490
CMYK	0.00, 0.96, 0.72, 0.09
HSL	345°, 93%, 47%
HSV	345°, 96%, 91%
XYZ	34.3018, 17.7213, 6.4631
YIQ	81.9470, 115.2530, 64.3810

Conversions

Conversions Part 2

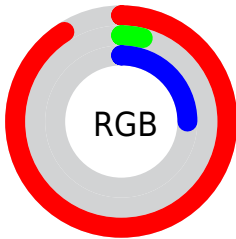
Format	Color
RYB	232, 9, 64
Decimal	15206720
CIELab	49.16, 75.14, 34.32
CIELCh	49, 82.604, 24.550
Yxy	17.7213, 0.5865, 0.3030
Android (android.graphics.Color)	4293396800 (0xFFE80940)
YUV	81.9470, -8.8479, 131.5965
Hunter-Lab	42.0967, 71.7785, 20.3649

Details

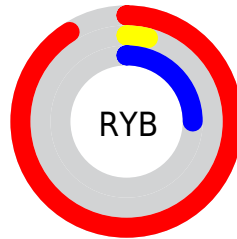
The YUV color **81.9470, -8.8479, 131.5965** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **159.0530, 8.8479, -131.5965**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1910, -15.8702, 97.1795**, and **52.4410, -15.0074, 100.4682** is the 20% darker color. If you saturate the color by 10%, you get **75.8660, -9.3009, 136.9295**, and if you desaturate by 10%, it is **97.3860, -8.0783, 118.0565**.

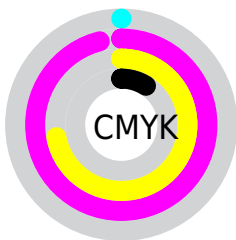
Distribution



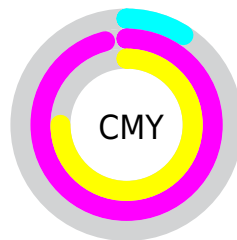
- Red (91%)
- Green (4%)
- Blue (25%)



- Red (91%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (96%)
- Yellow (72%)
- Black (9%)





- Cyan (9%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.9470, -8.8479, 131.5965 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 81.9470, -8.8479, 131.5965 by changing the saturation by 10% instead.


 81.9470, -8.8479,
131.5965


 81.9470, -8.8479,
131.5965


255.0000, 0.0000,
0.0000

 64.2890, -10.9885,
118.1415


 144.1910,
-15.8702, 97.1795

 52.4410, -15.0074,
100.4682


 165.2380,
-13.9213, 78.7213


 40.3650, -19.8999,
82.9949


 185.8120,
-11.2463, 60.6779

 31.0250, -14.3093,
63.1221

 206.5000, -8.1345,
42.5345

 22.5820, -9.1609,
45.0936

 227.3020, -4.5859,
24.2911

 12.3730, -5.6069,
25.1059

 248.2180, -0.6005,

 0.0000, 0.0000,

5.9478

0.0000

■ 81.9470, -8.8479,
131.5965

■ 81.9470, -8.8479,
131.5965

■ 75.8660, -9.3009,
136.9295

■ 97.3860, -8.0783,
118.0565

■ 112.9390, -6.8719,
104.4165

■ 128.9650, -6.3917,
90.3617

■ 144.5180, -5.1854,
76.7217

■ 159.9570, -4.4158,
63.1817

■ 175.5100, -3.2094,
49.5417

■ 190.9490, -2.4399,
36.0017

■ 207.0890, -1.5229,
21.8469

■ 222.5280, -0.7533,
8.3069

Harmonies

Analogous

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



83.9320, 24.1905, 128.1016



81.9470, -8.8479, 131.5965



104.7220, -51.6279, 86.1898

Triad

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



81.9470, -8.8479, 131.5965



84.3460, -32.2156, -73.9714



105.3800, 73.7627, -92.4183

Complementary

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



81.9470, -8.8479, 131.5965



159.0530, 8.8479, -131.5965

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.



109.8020, 60.2436, -96.2964



81.9470, -8.8479, 131.5965



96.6290, 2.1549, -84.7436

Square

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



81.9470, -8.8479, 131.5965



102.0240, -50.2978, -14.0530



105.5380, 33.7518, -92.5568



108.2280, 67.9216, -38.7880

Rectangle

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



81.9470, -8.8479, 131.5965



110.1280, -54.2931, 54.2617



105.5380, 33.7518, -92.5568



108.7880, 71.5895, -95.4071

Sweetspot

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



81.9470, -8.8479, 131.5965



205.1780, -3.0458, 43.6939



84.3550, 72.7890, 80.3727



97.7090, -1.8285, 26.5652



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.



81.9470, -8.8479, 131.5965



83.4270, -10.0705, 150.4695



108.5490, -49.0777, 108.2665



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539

Inverse Universe

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



81.9470, -8.8479, 131.5965



83.4270, -10.0705, 150.4695



132.4510, 49.0777, -108.2665



106.9300, -0.4585, 7.0774



58.5370, -7.1667, 105.6461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 81.9470, -8.8479, 131.5965 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 81.9470, -8.8479, 131.5965 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 81.9470, -8.8479, 131.5965

Background



This preview shows how black text looks on a background with the YUV color 81.9470, -8.8479, 131.5965.



This preview shows how white text looks on a background with the YUV color 81.9470, -8.8479,

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

81.9470, -8.8479, 131.5965

Protanopia

117.4710, -11.0782, 6.6029

Deuteranopia

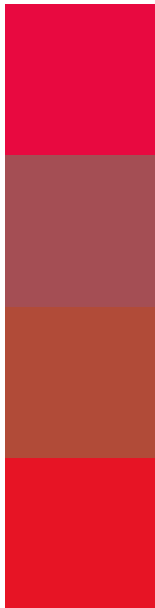
115.3260, -31.2197, 26.9011



Tritanopia

87.3120, -32.6918, 126.0144

Trichromacy



Original Color

81.9470, -8.8479, 131.5965

Protanomaly

104.3980, -10.0562, 52.2710

Deuteranomaly

103.3320, -23.3347, 64.6068

Tritanomaly

85.0270, -23.6773, 128.0183

Monochromacy



Original Color

81.9470, -8.8479, 131.5965

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7980, -3.3514, 48.4122

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9470, -8.8479, 131.5965 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(232, 9, 64)` looks like.

```
.text, #text, p{  
    color:rgb(232, 9, 64)  
}
```

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(232, 9, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 9, 64) }
```

Border

The CSS property to change the border of an element to YUV 81.9470, -8.8479, 131.5965 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(232, 9, 64) }
```


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

```
.border{ border-color:rgb(232, 9, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 9, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 9, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 9, 64);  
box-shadow:4px 4px 4px 4px rgb(232, 9, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.9470, -8.8479, 131.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 9, 64) }
```

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

```
.background{ background-color: rgb(232, 9,  
64) }
```

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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