

Converting Colors

YUV(82.9080, -6.3636,
128.1227)

Have a look what the booklet for
YUV(82.9080, -6.3636, 128.1227)
contains.

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Color

**YUV(82.9080, -6.3636,
128.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	E50B46
RGB	229, 11, 70
RGB Percent	90%, 4%, 27%
CMY	0.1020, 0.9569, 0.7255
CMYK	0.00, 0.95, 0.69, 0.10
HSL	344°, 91%, 47%
HSV	344°, 95%, 90%
XYZ	33.5383, 17.3396, 7.3736
YIQ	82.9080, 110.9890, 64.5650

Conversions

Conversions Part 2

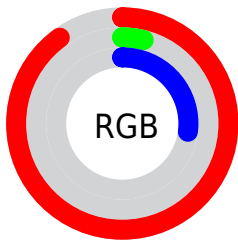
Format	Color
RYB	229, 11, 70
Decimal	15010630
CIELab	48.69, 74.51, 30.01
CIElCh	49, 80.322, 21.935
Yxy	17.3396, 0.5758, 0.2977
Android (android.graphics.Color)	4293200710 (0xFFE50B46)
YUV	82.9080, -6.3636, 128.1227
Hunter-Lab	41.6408, 70.8958, 18.6498

Details

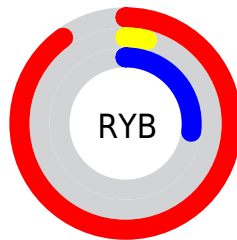
The YUV color **82.9080, -6.3636, 128.1227** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **157.0920, 6.3636, -128.1227**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8750, -13.2494, 96.5796**, and **52.5270, -12.0918, 98.6388** is the 20% darker color. If you saturate the color by 10%, you get **75.5390, -6.6747, 134.5853**, and if you desaturate by 10%, it is **98.3470, -5.5941, 114.5827**.

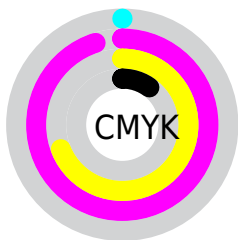
Distribution



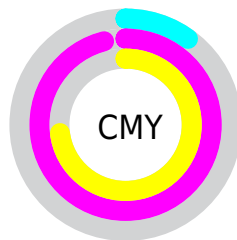
- Red (90%)
- Green (4%)
- Blue (27%)



- Red (90%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (95%)
- Yellow (69%)
- Black (10%)





- Cyan (10%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.9080, -6.3636, 128.1227 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 82.9080, -6.3636, 128.1227 by changing the saturation by 10% instead.


 82.9080, -6.3636,
128.1227

 82.9080, -6.3636,
128.1227


255.0000, 0.0000,
0.0000


 64.3750, -8.0729,
116.3121


 144.8750,
-13.2494, 96.5796


 52.5270, -12.0918,
98.6388


 166.0360,
-10.8637, 78.0214


 40.1090, -18.2947,
81.4654


 186.6100, -8.1887,
59.9780

 30.4270, -14.0145,
61.8925

 207.2980, -5.0769,
41.8347

 21.9840, -8.8661,
43.8640

 228.1000, -1.5283,
23.5913

 11.7750, -5.3121,
23.8763

 249.0160, 2.4571,

 0.0000, 0.0000,

5.2480

0.0000

■ 82.9080, -6.3636,
128.1227

■ 82.9080, -6.3636,
128.1227

■ 75.5390, -6.6747,
134.5853

■ 98.3470, -5.5941,
114.5827

■ 113.6720, -5.2613,
101.1427

■ 129.1110, -4.4917,
87.6027

■ 144.5500, -3.7222,
74.0626

■ 159.9890, -2.9526,
60.5226

■ 174.7270, -2.3304,
47.5974

■ 190.1660, -1.5608,
34.0574

■ 205.6050, -0.7913,
20.5174

■ 220.9300, -0.4585,
7.0774

Harmonies

Analogous

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



82.2950, 26.9696, 123.3983



82.9080, -6.3636, 128.1227



102.9610, -50.7598, 87.7342

Triad

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



82.9080, -6.3636, 128.1227



82.1460, -35.5680, -72.0420



105.0380, 72.4523, -92.1183

Complementary

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



82.9080, -6.3636, 128.1227



157.0920, 6.3636, -128.1227

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.



108.1890, 56.6018, -94.8818



82.9080, -6.3636, 128.1227



94.6570, -0.3239, -83.0142

Square

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



82.9080, -6.3636, 128.1227



102.3560, -50.4615, -8.2052



103.3380, 30.3994, -90.6274



102.2970, 69.8596, -53.7575

Rectangle

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



82.9080, -6.3636, 128.1227



108.9650, -53.7197, 57.0357



103.3380, 30.3994, -90.6274



107.2890, 68.3845, -94.0925

Sweetspot

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



82.9080, -6.3636, 128.1227



205.4060, -2.1722, 43.4939



82.4960, 72.2265, 74.1100



97.8230, -1.3917, 26.4652



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.



82.9080, -6.3636, 128.1227



84.1110, -7.4497, 149.8697



103.7710, -45.7361, 109.8258



106.9300, -0.4585, 7.0774



58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Inverse Universe

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



82.9080, -6.3636, 128.1227



84.1110, -7.4497, 149.8697



136.2290, 45.7361, -109.8258



106.9300, -0.4585, 7.0774



58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 82.9080, -6.3636, 128.1227 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 82.9080, -6.3636, 128.1227 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 82.9080, -6.3636, 128.1227

Background



This preview shows how black text looks on a background with the YUV color 82.9080, -6.3636, 128.1227.

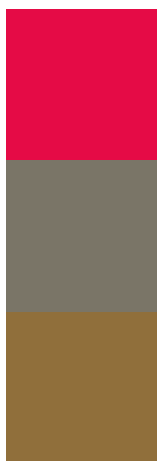


This preview shows how white text looks on a background with the YUV color 82.9080, -6.3636, 128.1227.

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

82.9080, -6.3636, 128.1227

Protanopia

116.8990, -6.8522, 4.4736

Deuteranopia

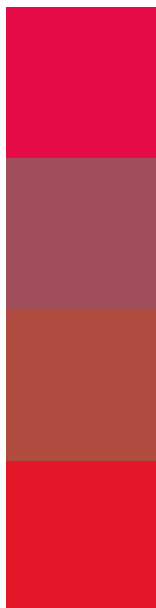
114.9390, -27.5779, 25.4865



Tritanopia

88.6320, -31.3706, 122.2257

Trichromacy



Original Color

82.9080, -6.3636, 128.1227

Protanomaly

104.2990, -6.5564, 49.7268

Deuteranomaly

103.5320, -19.9823, 62.6774

Tritanomaly

86.3470, -22.3561, 124.2297

Monochromacy



Original Color

82.9080, -6.3636, 128.1227

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0150, -2.4724, 46.4678

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9080, -6.3636, 128.1227 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(229, 11, 70)` looks like.

```
.text, #text, p{  
    color:rgb(229, 11, 70)  
}
```

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(229, 11, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 11, 70) }
```

Border

The CSS property to change the border of an element to YUV 82.9080, -6.3636, 128.1227 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(229, 11, 70) }
```


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

```
.border{ border-color:rgb(229, 11, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 11, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 11, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 11, 70);  
box-shadow:4px 4px 4px 4px rgb(229, 11,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 82.9080, -6.3636, 128.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 11, 70) }
```

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

```
.background{ background-color: rgb(229, 11,  
70) }
```

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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