

Converting Colors

YUV(82.9930, -5.9125, 29.8241)

Have a look what the booklet for
YUV(82.9930, -5.9125, 29.8241)
contains.

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Color

**YUV(82.9930, -5.9125,
29.8241)**

Conversions

Conversions Part 1

Format	Color
Hex	754447
RGB	117, 68, 71
RGB Percent	46%, 27%, 28%
CMY	0.5412, 0.7333, 0.7216
CMYK	0.00, 0.42, 0.39, 0.54
HSL	356°, 26%, 36%
HSV	356°, 42%, 46%
XYZ	10.5406, 8.3711, 7.0215
YIQ	82.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

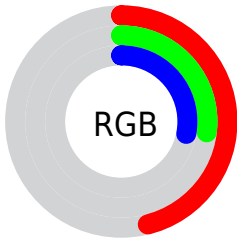
Format	Color
R_{YB}	117, 68, 71
Decimal	7685191
CIE Lab	34.74, 21.50, 7.29
CIE LCh	35, 22.699, 18.727
Yxy	8.3711, 0.4065, 0.3228
Android (android.graphics.Color)	4285875271 (0xFF754447)
YUV	82.9930, -5.9125, 29.8241
Hunter-Lab	28.9328, 14.3972, 5.8644

Details

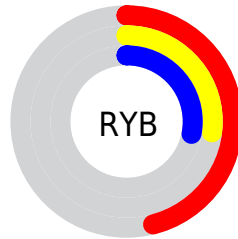
The YUV color **82.9930, -5.9125, 29.8241** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.0070, 5.9125, -29.8241**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3740, -7.0864, 32.9980**, and **36.4270, -4.1545, 25.9355** is the 20% darker color. If you saturate the color by 10%, you get **74.6950, -7.2446, 37.1015**, and if you desaturate by 10%, it is **91.2910, -4.5805, 22.5468**.

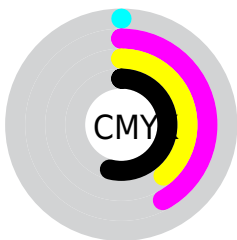
Distribution



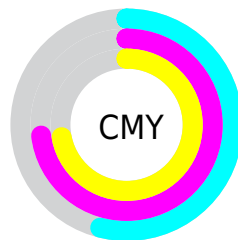
- Red (46%)
- Green (27%)
- Blue (28%)



- Red (46%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (39%)
- Black (54%)



- Cyan (54%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9930, -5.9125, 29.8241 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 82.9930, -5.9125, 29.8241 by changing the saturation by 10% instead.

■ 82.9930, -5.9125,
29.8241

■ 82.9930, -5.9125,
29.8241

255.0000, 0.0000,
0.0000

■ 59.2100, -5.0335,
27.8798

■ 133.3740, -7.0864,
32.9980

■ 36.4270, -4.1545,
25.9355

■ 159.9720, -7.3812,
34.2276

■ 13.2700, -6.0491,
26.9502

■ 186.5700, -7.6760,
35.4571

■ 0.0000, 0.0000,
0.0000

■ 214.5700, -7.6760,
35.4571

■ 234.1980, -3.5486,
18.2434

254.4130, 0.2894,

0.5148

■ 82.9930, -5.9125,
29.8241

■ 82.9930, -5.9125,
29.8241

■ 74.6950, -7.2446,
37.1015

■ 91.2910, -4.5805,
22.5468

■ 66.9840, -8.8661,
43.8640

■ 99.0020, -2.9590,
15.7842

■ 58.6860, -10.1982,
51.1414

■ 107.3000, -1.6269,
8.5069

■ 50.3880, -11.5303,
58.4187

■ 115.5980, -0.2948,
1.2296

■ 42.6770, -13.1518,
65.1813

■ 123.8960, 1.0373,
-6.0478

■ 35.7810, -14.1890,
71.2291

■ 131.6070, 2.6587,
-12.8103

■ 139.9050, 3.9908,
-20.0877

■ 148.2030, 5.3229,
-27.3650

■ 155.9140, 6.9444,
-34.1276

Harmonies

Analogous

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



83.5500, 2.6869, 24.9507



82.9930, -5.9125, 29.8241



82.0220, -13.3218, 26.2907

Triad

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



82.9930, -5.9125, 29.8241



77.2790, -9.9975, -13.3997



76.6770, 19.8792, -29.5347

Complementary

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



82.9930, -5.9125, 29.8241



102.0070, 5.9125, -29.8241

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.



67.2350, 20.0971, -52.8261



82.9930, -5.9125, 29.8241



73.2150, 0.3870, -30.8836

Square

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



82.9930, -5.9125, 29.8241



79.1840, -15.8667, 2.4696



66.7100, 12.9610, -50.6117



82.3100, 16.6092, -7.2879

Rectangle

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



82.9930, -5.9125, 29.8241



81.1800, -16.3577, 20.0131



66.7100, 12.9610, -50.6117



73.7470, 20.3377, -36.6121

Sweetspot

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



82.9930, -5.9125, 29.8241



139.0940, -2.5113, 12.1956



87.3400, 14.6224, 23.3808



68.0010, -1.4795, 7.8921



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9930, -5.9125, 29.8241



100.1800, -9.4557, 46.3231



94.9780, -13.3002, 19.3133



54.7940, -0.8844, 3.6887



37.2760, -14.9261, 74.3029



76.4600, -30.2998, 152.1946

Inverse Universe

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



82.9930, -5.9125, 29.8241



100.1800, -9.4557, 46.3231



90.0220, 13.3002, -19.3133



54.7940, -0.8844, 3.6887



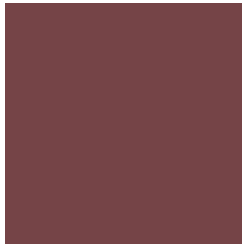
37.2760, -14.9261, 74.3029



76.4600, -30.2998, 152.1946

Previews

White Background



This preview shows how the YUV color 82.9930, -5.9125, 29.8241 looks on a white background.

Color Contrast Check

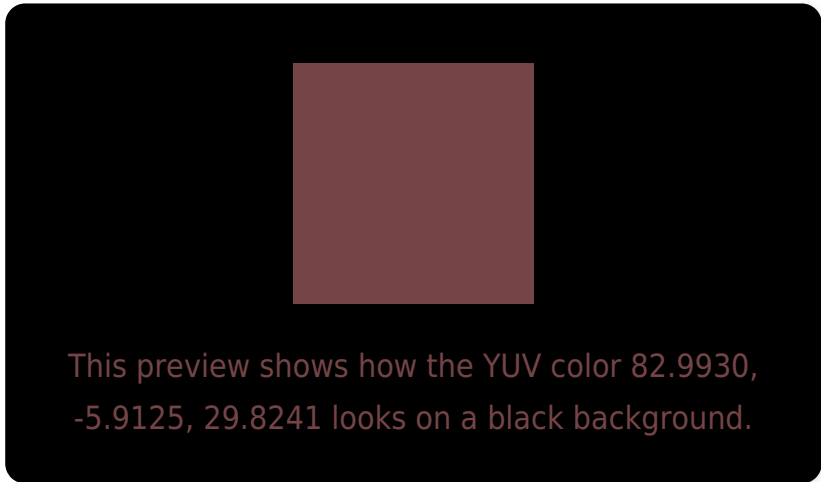
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 82.9930, -5.9125, 29.8241

Background



This preview shows how black text looks on a background with the YUV color 82.9930, -5.9125, 29.8241.

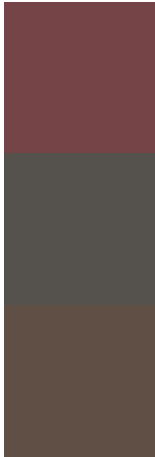


This preview shows how white text looks on a background with the YUV color 82.9930, -5.9125,

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

82.9930, -5.9125, 29.8241

Protanopia

82.4410, -2.1894, 2.2442

Deuteranopia

82.6440, -6.7265, 10.8362



Tritanopia

83.2210, -5.0390, 29.6242

Trichromacy



Original Color

82.9930, -5.9125, 29.8241

Protanomaly

82.7520, -3.8217, 12.4955

Deuteranomaly

82.8020, -6.3114, 17.7136

Tritanomaly

83.1070, -5.4758, 29.7242

Monochromacy



Original Color

82.9930, -5.9125, 29.8241

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1970, -2.0691, 10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9930, -5.9125, 29.8241 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(117, 68, 71)` looks like.

```
.text, #text, p{  
    color:rgb(117, 68, 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(117, 68, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 68, 71) }
```

Border

The CSS property to change the border of an element to YUV 82.9930, -5.9125, 29.8241 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(117, 68, 71) }
```


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

```
.border{ border-color:rgb(117, 68, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 68, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 68, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 68, 71);  
box-shadow:4px 4px 4px 4px rgb(117, 68,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 82.9930, -5.9125, 29.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 68, 71) }
```

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

```
.background{ background-color: rgb(117, 68,  
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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