

Converting Colors

YUV(83.4830, -9.1121, 29.3944)

Have a look what the booklet for
YUV(83.4830, -9.1121, 29.3944)
contains.

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Color

**YUV(83.4830, -9.1121,
29.3944)**

Conversions

Conversions Part 1

Format	Color
Hex	754641
RGB	117, 70, 65
RGB Percent	46%, 27%, 25%
CMY	0.5412, 0.7255, 0.7451
CMYK	0.00, 0.40, 0.44, 0.54
HSL	6°, 29%, 36%
HSV	6°, 44%, 46%
XYZ	10.4804, 8.5439, 6.0978
YIQ	83.4830, 29.6170, 8.4090

Conversions

Conversions Part 2

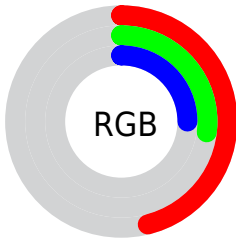
Format	Color
RYB	117, 71, 65
Decimal	7685697
CIELab	35.09, 19.54, 11.57
CIElCh	35, 22.712, 30.623
Yxy	8.5439, 0.4172, 0.3401
Android (android.graphics.Color)	4285875777 (0xFF754641)
YUV	83.4830, -9.1121, 29.3944
Hunter-Lab	29.2299, 12.8490, 8.0922

Details

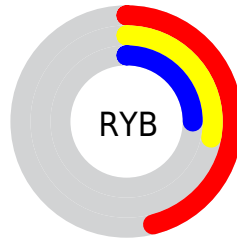
The YUV color $83.4830, -9.1121, 29.3944$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $98.5170, 9.1121, -29.3944$, and the grayscale version is $84.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $133.8640, -10.2860, 32.5683$, and $36.9170, -7.3541, 25.5058$ is the 20% darker color. If you saturate the color by 10%, you get $75.6580, -11.1704, 36.2569$, and if you desaturate by 10%, it is $91.3080, -7.0538, 22.5319$.

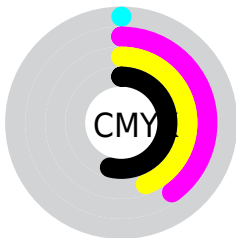
Distribution



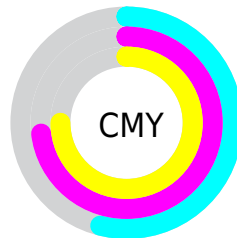
- Red (46%)
- Green (27%)
- Blue (25%)



- Red (46%)
- Yellow (28%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4830, -9.1121, 29.3944 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 83.4830, -9.1121, 29.3944 by changing the saturation by 10% instead.

■ 83.4830, -9.1121,
29.3944

■ 83.4830, -9.1121,
29.3944

■ 255.0000, 0.0000,
0.0000

■ 59.7000, -8.2331,
27.4501

■ 133.8640,
-10.2860, 32.5683

■ 36.9170, -7.3541,
25.5058

■ 160.3480,
-11.0176, 33.8978

■ 14.0310, -6.9173,
25.4058

■ 187.3590,
-11.0230, 35.6422

■ 0.0000, 0.0000,
0.0000

■ 214.9460,
-11.3124, 35.1274

■ 234.4600, -7.6218,
18.0136

■ 254.2020, -3.0576,

0.6998

■ 83.4830, -9.1121,
29.3944

■ 83.4830, -9.1121,
29.3944

■ 75.6580, -11.1704,
36.2569

■ 91.3080, -7.0538,
22.5319

■ 68.5340, -13.0813,
42.5047

■ 98.4320, -5.1430,
16.2841

■ 60.7090, -15.1395,
49.3672

■ 106.2570, -3.0847,
9.4216

■ 53.4710, -17.4872,
55.7149

■ 113.4950, -0.7370,
3.0739

■ 45.6460, -19.5455,
62.5775

■ 121.3200, 1.3212,
-3.7886

■ 41.4400, -20.4299,
66.2661

■ 128.4440, 3.2321,
-10.0364

■ 136.2690, 5.2904,
-16.8989

■ 144.0940, 7.3487,
-23.7614

■ 151.2180, 9.2595,
-30.0092

Harmonies

Analogous

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



84.0620, -0.5236, 28.0096



83.4830, -9.1121, 29.3944



82.4300, -15.4950, 23.3019

Triad

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



83.4830, -9.1121, 29.3944



76.5600, -6.1921, -20.6621



79.8030, 18.8311, -19.9982

Complementary

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



83.4830, -9.1121, 29.3944



98.5170, 9.1121, -29.3944

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.



72.1160, 20.6488, -43.0747



83.4830, -9.1121, 29.3944



71.7240, 5.0661, -38.3459

Square

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



83.4830, -9.1121, 29.3944



79.3080, -13.9558, -3.7781



66.0020, 16.7610, -56.1298



84.1970, 14.6929, 0.7042

Rectangle

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



83.4830, -9.1121, 29.3944



81.3320, -16.9257, 15.4948



66.0020, 16.7610, -56.1298



77.6880, 19.8738, -27.7904

Sweetspot

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



83.4830, -9.1121, 29.3944



140.1540, -3.5269, 11.2659



86.0200, 13.3011, 27.1695



68.4740, -2.2057, 7.4773



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.



83.4830, -9.1121, 29.3944



100.9150, -14.2551, 45.6785



98.1580, -16.3469, 16.5244



54.7940, -0.8844, 3.6887



43.5220, -21.4563, 68.8252



88.8380, -43.7971, 141.3391

Inverse Universe

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



98.5170, 9.1121, -29.3944



124.0850, 14.2551, -45.6785



83.8420, 16.3469, -16.5244



56.6190, 1.1738, -3.1739



79.0650, 21.1670, -69.3400



161.1620, 43.7971, -141.3391

Previews

White Background



This preview shows how the YUV color 83.4830, -9.1121, 29.3944 looks on a white background.

Color Contrast Check

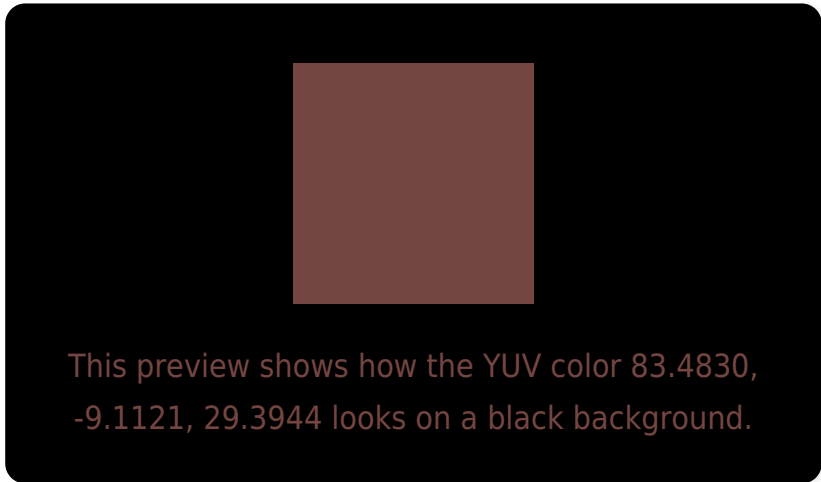
Large Text (above 18pt) WCAG AA ✓ Pass

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

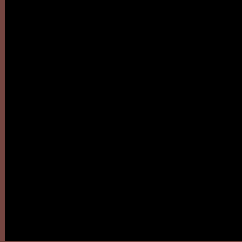
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.4830, -9.1121, 29.3944

Background



This preview shows how black text looks on a background with the YUV color 83.4830, -9.1121, 29.3944.

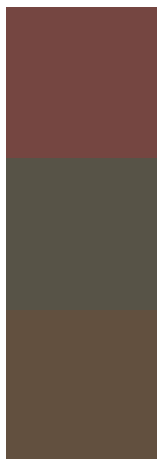


This preview shows how white text looks on a background with the YUV color 83.4830, -9.1121,

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

83.4830, -9.1121, 29.3944

Protanopia

82.8280, -5.8312, 3.6588

Deuteranopia

83.4440, -10.0789, 12.7656



Tritanopia

84.2210, -5.0390, 29.6242

Trichromacy



Original Color

83.4830, -9.1121, 29.3944

Protanomaly

82.9540, -6.8793, 13.1953

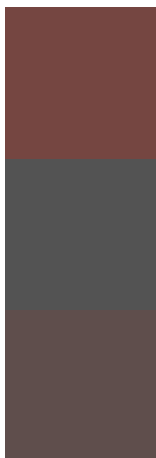
Deuteranomaly

83.3030, -9.5164, 19.0283

Tritanomaly

83.8790, -6.3493, 29.9241

Monochromacy



Original Color

83.4830, -9.1121, 29.3944

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8550, -3.3795, 10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4830, -9.1121, 29.3944 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, 70, 65)` looks like.

```
.text, #text, p{  
    color:rgb(117, 70, 65)  
}
```

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, 70, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 70, 65) }
```

Border

The CSS property to change the border of an element to YUV 83.4830, -9.1121, 29.3944 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, 70, 65) }
```


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

```
.border{ border-color:rgb(117, 70, 65) }
```

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

Here you see how a box with a 4 pixel rgb(117, 70, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 70, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 70, 65);  
box-shadow:4px 4px 4px 4px rgb(117, 70,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 83.4830, -9.1121, 29.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 70, 65) }
```

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

```
.background{ background-color: rgb(117, 70,  
65) }
```

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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