

Converting Colors

YUV(28.4870, 15.0429, 28.5139)

Have a look what the booklet for
YUV(28.4870, 15.0429, 28.5139)
contains.

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Color

**YUV(28.4870, 15.0429,
28.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	3D063B
RGB	61, 6, 59
RGB Percent	24%, 2%, 23%
CMY	0.7608, 0.9765, 0.7686
CMYK	0.00, 0.90, 0.03, 0.76
HSL	302°, 82%, 13%
HSV	302°, 90%, 24%
XYZ	2.7790, 1.4381, 4.2688
YIQ	28.4870, 15.7670, 28.1430

Conversions

Conversions Part 2

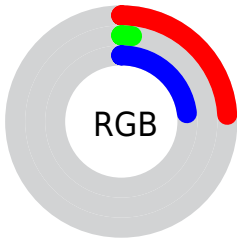
Format	Color
R_{YB}	61, 6, 59
Decimal	3999291
CIE _{Lab}	12.21, 32.44, -19.31
CIE _{LCh}	12, 37.754, 329.245
Yxy	1.4381, 0.3275, 0.1695
Android (android.graphics.Color)	4282189371 (0xFF3D063B)
YUV	28.4870, 15.0429, 28.5139
Hunter-Lab	11.9921, 20.3786, -12.7107




Details

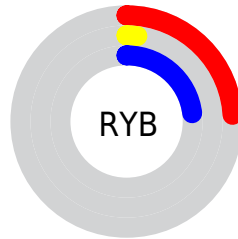
The YUV color **28.4870, 15.0429, 28.5139** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **38.5130, -15.0429, -28.5139**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.6720, 14.4587, 29.2287**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **24.9650, 16.7793, 31.6027**, and if you desaturate by 10%, it is **32.0090, 13.3066, 25.4251**.

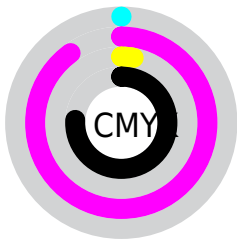
Distribution







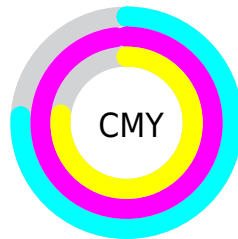
-  Red (24%)
-  Green (2%)
-  Blue (23%)






-  Red (24%)
-  Yellow (2%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (3%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.4870, 15.0429, 28.5139 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 28.4870, 15.0429, 28.5139 by changing the saturation by 10% instead.

■ 28.4870, 15.0429,
28.5139

■ 28.4870, 15.0429,
28.5139

■ 246.1950, 4.3409,
7.7220

■ 16.1780, 10.2652,
20.8919

■ 77.6720, 14.4587,
29.2287

■ 2.1830, 5.8258,
-1.9145

■ 102.3840, 14.6007,
30.3582

■ 0.0000, 0.0000,
0.0000


■ 128.0960, 14.7427,
31.4878


■ 154.5090, 15.0321,
32.0026


■ 182.2210, 15.1740,
33.1322


■ 209.9330, 15.3160,


34.2618


 229.7590, 12.4438,
22.1364


 28.4870, 15.0429,
28.5139

 28.4870, 15.0429,
28.5139


 24.9650, 16.7793,
31.6027

 32.0090, 13.3066,
25.4251

 35.5310, 11.5702,
22.3363

 39.1670, 10.2707,
19.1475

 42.6890, 8.5343,
16.0587

 46.7980, 6.5086,
12.4552

■ 50.3200, 4.7722,
9.3664

■ 53.9560, 3.4727,
6.1776

■ 57.4780, 1.7363,
3.0888

■ 61.0000, 0.0000,
0.0000

Harmonies

Analogous

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



30.4440, 23.4451, -6.5284



28.4870, 15.0429, 28.5139



26.3010, 3.7956, 42.7090

Triad

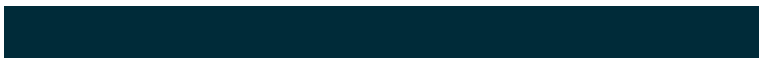
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.4870, 15.0429, 28.5139



30.7550, -15.1622, 9.8619



31.7390, 12.4537, -27.8351

Complementary

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



28.4870, 15.0429, 28.5139



38.5130, -15.0429, -28.5139

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.



28.6610, 0.6601, -25.1357



28.4870, 15.0429, 28.5139



26.2040, -12.9186, -9.8259

Square

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



28.4870, 15.0429, 28.5139



29.3920, -14.4903, 27.7202



24.0670, -11.8650, -21.1068



32.8450, 21.7684, -28.8051

Rectangle

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



28.4870, 15.0429, 28.5139



24.2490, -4.0668, 44.5086



24.0670, -11.8650, -21.1068



30.7130, 8.5225, -26.9353

Sweetspot

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



28.4870, 15.0429, 28.5139



66.5590, 5.6404, 10.9108



12.8680, 23.7291, -4.2692



33.2550, 3.3253, 6.7924



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



28.4870, 15.0429, 28.5139



32.2850, 21.5515, 40.9691



25.4090, 3.2494, 31.2133



29.1250, 0.4314, 1.6444



38.4800, 25.8924, 48.6910



90.7740, 60.7504, 115.0852

Inverse Universe

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



28.4870, 15.0429, 28.5139



32.2850, 21.5515, 40.9691



41.5910, -3.2494, -31.2133



29.1250, 0.4314, 1.6444



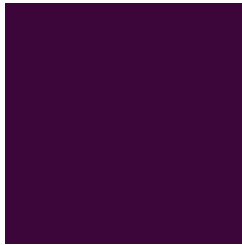
38.4800, 25.8924, 48.6910



90.7740, 60.7504, 115.0852

Previews

White Background



This preview shows how the YUV color 28.4870, 15.0429, 28.5139 looks on a white background.

Color Contrast Check

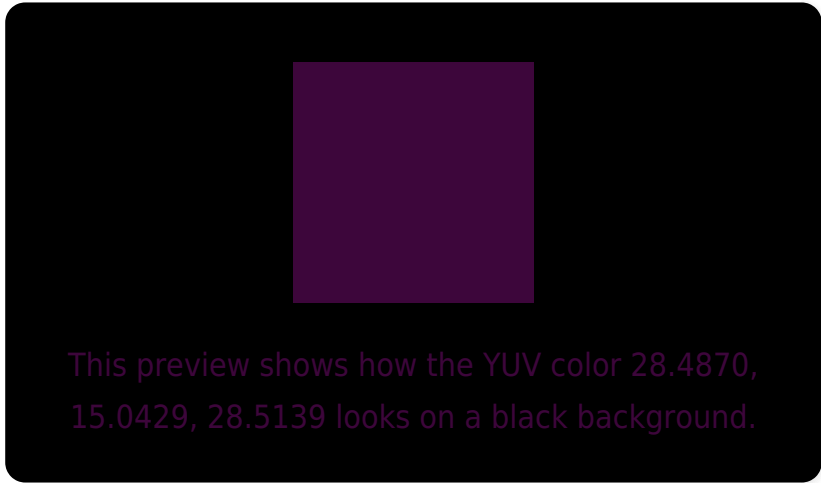
Large Text (above 18pt) WCAG AA ✓ Pass

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

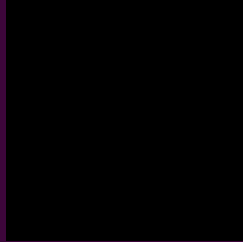
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.4870, 15.0429, 28.5139

Background



This preview shows how black text looks on a background with the YUV color 28.4870, 15.0429, 28.5139.



This preview shows how white text looks on a background with the YUV color 28.4870, 15.0429,

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

28.4870, 15.0429, 28.5139

Protanopia

28.0520, 21.1734, -24.6016

Deuteranopia

33.8060, 10.9416, -9.4769



Tritanopia

33.9810, -4.4276, 20.1877

Trichromacy



Original Color

28.4870, 15.0429, 28.5139

Protanomaly

28.3040, 19.0771, -5.5286

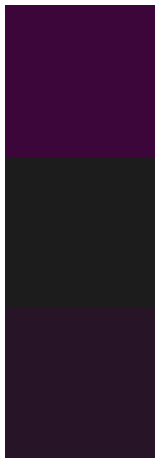
Deuteranomaly

31.6490, 12.4980, 4.6928

Tritanomaly

31.5390, 2.6923, 23.2063

Monochromacy



Original Color

28.4870, 15.0429, 28.5139

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.4870, 15.0429, 28.5139 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(61, 6, 59)` looks like.

```
.text, #text, p{  
    color:rgb(61, 6, 59)  
}
```

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(61, 6, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 6, 59) }
```

Border

The CSS property to change the border of an element to YUV 28.4870, 15.0429, 28.5139 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(61, 6, 59) }
```


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

```
.border{ border-color:rgb(61, 6, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 6, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 6, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 6, 59); box-shadow:4px  
4px 4px 4px rgb(61, 6, 59) }
```

Background

The CSS property to change the background color of an element to YUV 28.4870, 15.0429, 28.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 6, 59) }
```

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

```
.background{ background-color: rgb(61, 6,  
59) }
```

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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