

Converting Colors

YUV(28.6170, 17.9368, 33.6619)

Have a look what the booklet for
YUV(28.6170, 17.9368, 33.6619)
contains.

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Color

**YUV(28.6170, 17.9368,
33.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	430241
RGB	67, 2, 65
RGB Percent	26%, 1%, 25%
CMY	0.7373, 0.9922, 0.7451
CMYK	0.00, 0.97, 0.03, 0.74
HSL	302°, 94%, 14%
HSV	302°, 97%, 26%
XYZ	3.2906, 1.6184, 5.1400
YIQ	28.6170, 18.5170, 33.3730

Conversions

Conversions Part 2

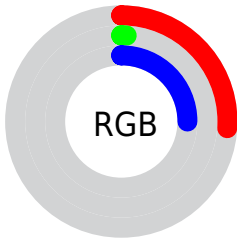
Format	Color
RYB	67, 2, 65
Decimal	4391489
CIELab	13.34, 36.49, -21.69
CIElCh	13, 42.449, 329.267
Yxy	1.6184, 0.3275, 0.1610
Android (android.graphics.Color)	4282581569 (0xFF430241)
YUV	28.6170, 17.9368, 33.6619
Hunter-Lab	12.7215, 23.9088, -15.0504

Details

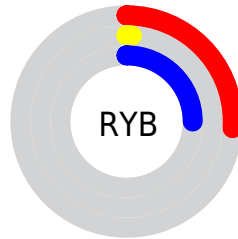
The YUV color **28.6170, 17.9368, 33.6619** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.3830, -17.9368, -33.6619**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8620, 16.3370, 33.4470**, and **5.0850, 7.8461, 3.4335** is the 20% darker color. If you saturate the color by 10%, you get **27.4430, 18.5156, 34.6915**, and if you desaturate by 10%, it is **32.7260, 15.9111, 30.0583**.

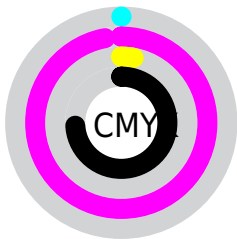
Distribution



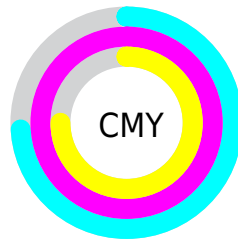
- Red (26%)
- Green (1%)
- Blue (25%)



- Red (26%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (97%)
- Yellow (3%)
- Black (74%)





- Cyan (74%)
- Magenta (99%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the YUV color 28.6170, 17.9368, 33.6619 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 28.6170, 17.9368, 33.6619 by changing the saturation by 10% instead.


 28.6170, 17.9368,
33.6619


 28.6170, 17.9368,
33.6619

 246.7820, 4.0515,
7.2072


 18.0580, 12.2964,
22.7511


 79.8620, 16.3370,
33.4470


 5.0850, 7.8461,
3.4335

 105.2750, 16.6264,
33.9618

 0.0000, 0.0000,
0.0000


 131.2860, 16.6210,
35.7062


 157.8130, 17.3472,
36.1210


 185.4110, 17.0524,
37.3506


 212.6390, 17.9260,


37.1506


 229.7590, 12.4438,
22.1364


 28.6170, 17.9368,
33.6619


 28.6170, 17.9368,
33.6619

 27.4430, 18.5156,
34.6915

 32.7260, 15.9111,
30.0583

 36.2480, 14.1747,
26.9695

 40.4710, 12.5858,
23.2659

 44.5800, 10.5601,
19.6623

 48.6890, 8.5343,
16.0587

■ 52.2110, 6.7980,
12.9700

■ 56.3200, 4.7722,
9.3664

■ 60.5430, 3.1833,
5.6628

■ 64.0650, 1.4470,
2.5740

Harmonies

Analogous

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



32.3450, 26.9449, -9.0726



28.6170, 17.9368, 33.6619



28.6220, 3.6374, 46.8125

Triad

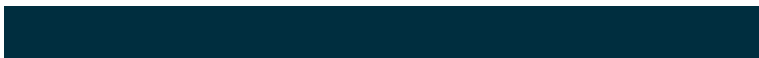
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.6170, 17.9368, 33.6619



32.5270, -16.0358, 10.0618



34.1840, 14.2063, -29.9794

Complementary

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



28.6170, 17.9368, 33.6619



40.3830, -17.9368, -33.6619

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.



30.7640, 1.1023, -26.9800



28.6170, 17.9368, 33.6619



27.6660, -13.6393, -11.9851

Square

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



28.6170, 17.9368, 33.6619



30.8870, -15.2273, 30.7941



25.8280, -12.7332, -22.6512



35.6320, 24.8314, -31.2493

Rectangle

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



28.6170, 17.9368, 33.6619



26.6410, -5.2460, 49.4268



25.8280, -12.7332, -22.6512



33.0440, 9.8383, -28.9796

Sweetspot

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



28.6170, 17.9368, 33.6619



72.2110, 6.7980, 12.9700



9.7090, 28.2445, -5.8838



34.1950, 4.3409, 7.7220



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



28.6170, 17.9368, 33.6619



35.5890, 23.8666, 45.0874



24.9690, 3.9593, 36.8612



31.2390, 0.8682, 1.5444



39.7190, 26.7605, 50.2354



91.7140, 61.7660, 116.0148

Inverse Universe

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



28.6170, 17.9368, 33.6619



35.5890, 23.8666, 45.0874



44.0310, -3.9593, -36.8612



31.2390, 0.8682, 1.5444



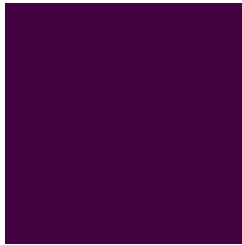
39.7190, 26.7605, 50.2354



91.7140, 61.7660, 116.0148

Previews

White Background



This preview shows how the YUV color 28.6170, 17.9368, 33.6619 looks on a white background.

Color Contrast Check

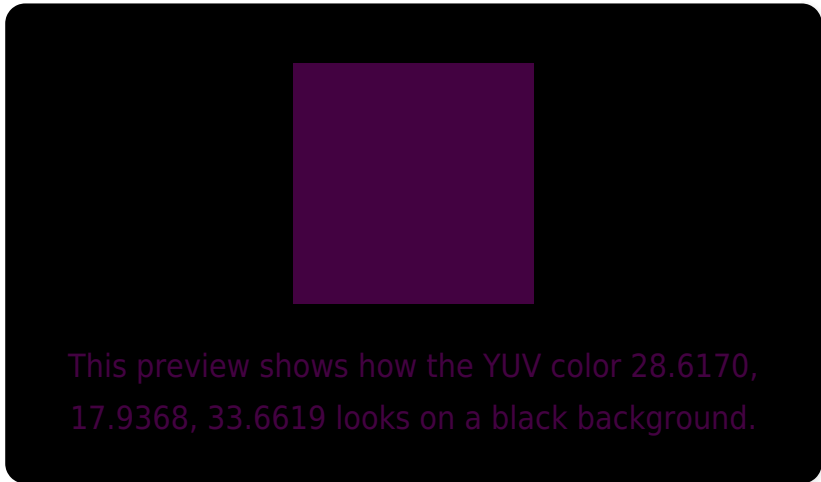
Large Text (above 18pt) WCAG AA ✓ Pass

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

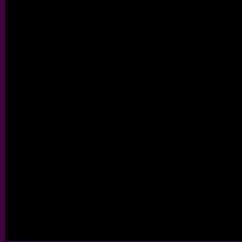
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.6170, 17.9368, 33.6619

Background



This preview shows how black text looks on a background with the YUV color 28.6170, 17.9368, 33.6619.



This preview shows how white text looks on a background with the YUV color 28.6170, 17.9368,

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

28.6170, 17.9368, 33.6619

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

36.7350, 11.9626, -10.2916



Tritanopia

37.1770, -5.0173, 22.6468

Trichromacy



Original Color

28.6170, 17.9368, 33.6619

Protanomaly

29.5860, 21.4031, -4.8989

Deuteranomaly

33.7030, 13.9504, 5.5225

Tritanomaly

33.7890, 3.5550, 26.4950

Monochromacy



Original Color

28.6170, 17.9368, 33.6619

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7980, 6.5086, 12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.6170, 17.9368, 33.6619 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(67, 2, 65)` looks like.

```
.text, #text, p{  
    color:rgb(67, 2, 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(67, 2, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 2, 65) }
```

Border

The CSS property to change the border of an element to YUV 28.6170, 17.9368, 33.6619 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(67, 2, 65) }
```


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

```
.border{ border-color:rgb(67, 2, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 2, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 2, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 2, 65); box-shadow:4px  
4px 4px 4px rgb(67, 2, 65) }
```

Background

The CSS property to change the background color of an element to YUV 28.6170, 17.9368, 33.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 2, 65) }
```

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

```
.background{ background-color: rgb(67, 2,  
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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