

Converting Colors

YUV(28.8450, -1.4026, 29.9539)

Have a look what the booklet for
YUV(28.8450, -1.4026, 29.9539)
contains.

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Color

**YUV(28.8450, -1.4026,
29.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0C1A
RGB	63, 12, 26
RGB Percent	25%, 5%, 10%
CMY	0.7529, 0.9529, 0.8980
CMYK	0.00, 0.81, 0.59, 0.75
HSL	344°, 68%, 15%
HSV	344°, 81%, 25%
XYZ	2.3678, 1.3943, 1.1216
YIQ	28.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

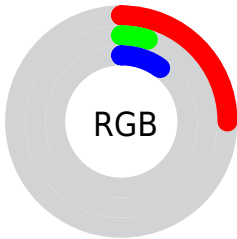
Format	Color
RYB	63, 12, 26
Decimal	4131866
CIELab	11.92, 25.69, 4.62
CIELCh	12, 26.099, 10.197
Yxy	1.3943, 0.4848, 0.2855
Android (android.graphics.Color)	4282321946 (0xFF3F0C1A)
YUV	28.8450, -1.4026, 29.9539
Hunter-Lab	11.8080, 15.1301, 2.6338

Details

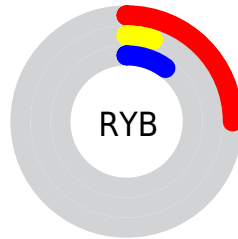
The YUV color **28.8450, -1.4026, 29.9539** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.1550, 1.4026, -29.9539**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9980, -3.4500, 33.3278**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.7530, -1.8502, 33.5426**, and if you desaturate by 10%, it is **32.9370, -0.9549, 26.3653**.

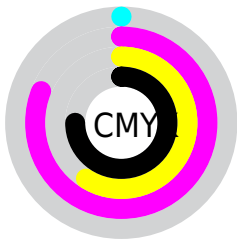
Distribution



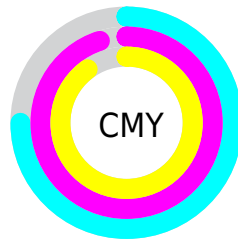
- Red (25%)
- Green (5%)
- Blue (10%)



- Red (25%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (81%)
- Yellow (59%)
- Black (75%)



- Cyan (75%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8450, -1.4026, 29.9539 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 28.8450, -1.4026, 29.9539 by changing the saturation by 10% instead.

■ 28.8450, -1.4026,
29.9539

■ 28.8450, -1.4026,
29.9539

■ 247.7280, 2.5991,
6.3775

■ 12.5580, -6.1911,
25.8206

■ 75.9980, -3.4500,
33.3278

■ 0.0000, 0.0000,
0.0000

■ 100.7810, -4.3290,
35.2721

■ 126.3790, -4.6238,
36.5016

■ 152.8630, -5.3555,
37.8311

■ 179.5750, -5.2135,
38.9607

■ 207.4720, -5.6557,

40.8051

■ 227.3990, -1.6757,
24.2061

■ 28.8450, -1.4026,
29.9539

■ 28.8450, -1.4026,
29.9539

■ 24.7530, -1.8502,
33.5426

■ 32.9370, -0.9549,
26.3653

■ 20.7750, -1.8611,
37.0313

■ 37.5020, -1.2335,
22.3617

■ 41.5940, -0.7858,
18.7731

■ 45.5720, -0.7750,
15.2844

■ 50.2510, -0.6167,
11.1809

■ 54.2290, -0.6059,
7.6922

■ 58.3210, -0.1583,
4.1035

■ 62.4130, 0.2894,
0.5148

■ 66.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



30.8640, 6.4760, 22.9213



28.8450, -1.4026, 29.9539



28.9620, -12.3063, 27.2203

Triad

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



28.8450, -1.4026, 29.9539



26.2150, -12.9240, -8.0816



29.1290, 17.6844, -25.5461

Complementary

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



28.8450, -1.4026, 29.9539



46.1550, 1.4026, -29.9539

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.



29.0490, 12.3008, -25.4760



28.8450, -1.4026, 29.9539



24.9450, -3.4239, -21.8768

Square

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



28.8450, -1.4026, 29.9539



29.2490, -14.4198, 5.0436



27.6980, 4.5859, -24.2911



25.8350, 20.2943, -22.6573

Rectangle

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



28.8450, -1.4026, 29.9539



29.6470, -14.6160, 21.3576



27.6980, 4.5859, -24.2911



29.3740, 16.0846, -25.7610

Sweetspot

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



28.8450, -1.4026, 29.9539



68.5500, -0.7641, 11.7957



28.8770, 16.8226, 17.6479



32.9300, -0.4585, 7.0774



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.



28.8450, -1.4026, 29.9539



28.4280, -2.1830, 46.9826



33.7060, -10.7011, 25.6908



28.8970, -0.4422, 1.8443



31.0700, -2.4995, 55.1896



73.3320, -6.0797, 130.3818

Inverse Universe

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



28.8450, -1.4026, 29.9539



28.4280, -2.1830, 46.9826



41.2940, 10.7011, -25.6908



28.8970, -0.4422, 1.8443



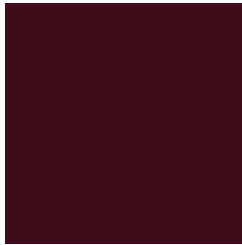
31.0700, -2.4995, 55.1896



73.3320, -6.0797, 130.3818

Previews

White Background



This preview shows how the YUV color 28.8450, -1.4026, 29.9539 looks on a white background.

Color Contrast Check

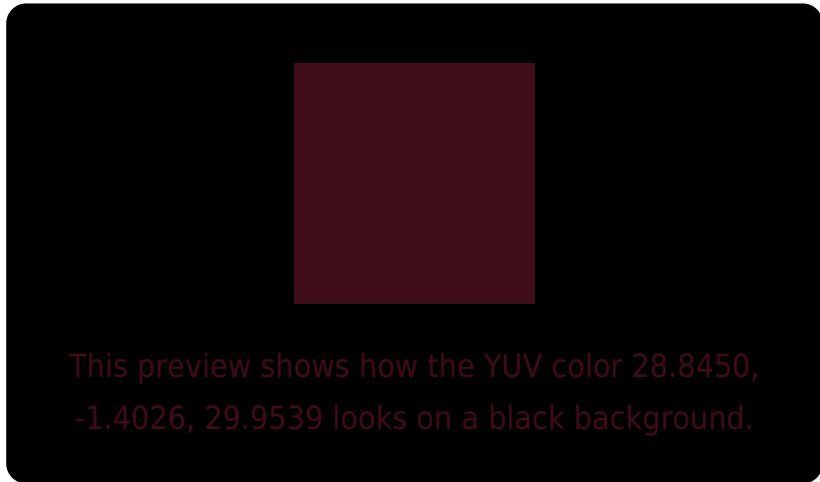
Large Text (above 18pt) WCAG AA ✓ Pass

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

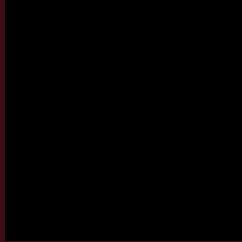
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.8450, -1.4026, 29.9539

Background



This preview shows how black text looks on a background with the YUV color 28.8450, -1.4026, 29.9539.



This preview shows how white text looks on a background with the YUV color 28.8450, -1.4026,

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

28.8450, -1.4026, 29.9539

Protanopia

33.6410, 1.1630, 0.3148

Deuteranopia

33.4800, -4.6736, 5.7180



Tritanopia

29.3520, -7.0755, 29.5093

Trichromacy



Original Color

28.8450, -1.4026, 29.9539

Protanomaly

31.7780, 0.1094, 11.5957

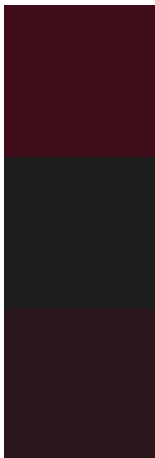
Deuteranomaly

31.8770, -3.3904, 14.1399

Tritanomaly

29.2210, -5.0390, 29.6242

Monochromacy



Original Color

28.8450, -1.4026, 29.9539

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9520, -0.4693, 10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8450, -1.4026, 29.9539 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(63, 12, 26)` looks like.

```
.text, #text, p{  
    color:rgb(63, 12, 26)  
}
```

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(63, 12, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 12, 26) }
```

Border

The CSS property to change the border of an element to YUV 28.8450, -1.4026, 29.9539 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(63, 12, 26) }
```


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

```
.border{ border-color:rgb(63, 12, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 12, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 12, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 12, 26);  
box-shadow:4px 4px 4px 4px rgb(63, 12, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.8450, -1.4026, 29.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 12, 26) }
```

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

```
.background{ background-color: rgb(63, 12,  
26) }
```

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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