

Converting Colors

YUV(28.8520, -5.3500, 36.0868)

Have a look what the booklet for
YUV(28.8520, -5.3500, 36.0868)
contains.

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Color

**YUV(28.8520, -5.3500,
36.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	460A12
RGB	70, 10, 18
RGB Percent	27%, 4%, 7%
CMY	0.7255, 0.9608, 0.9294
CMYK	0.00, 0.86, 0.74, 0.73
HSL	352°, 75%, 16%
HSV	352°, 86%, 27%
XYZ	2.7435, 1.5628, 0.7293
YIQ	28.8520, 33.1920, 15.2080

Conversions

Conversions Part 2

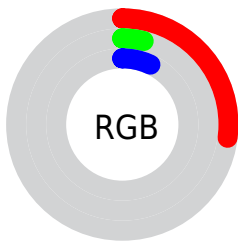
Format	Color
RYB	70, 10, 18
Decimal	4590098
CIELab	13.00, 28.37, 11.99
CIELCh	13, 30.796, 22.905
Yxy	1.5628, 0.5448, 0.3104
Android (android.graphics.Color)	4282780178 (0xFF460A12)
YUV	28.8520, -5.3500, 36.0868
Hunter-Lab	12.5014, 17.2956, 5.2920

Details

The YUV color **28.8520, -5.3500, 36.0868** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.1480, 5.3500, -36.0868**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.6630, -8.7079, 39.7605**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0590, -5.9451, 40.2903**, and if you desaturate by 10%, it is **33.6450, -4.7550, 31.8833**.

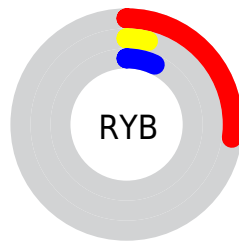
Distribution



Red (27%)

Green (4%)

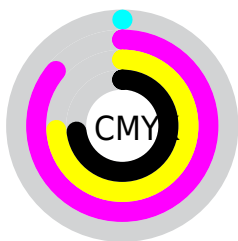
Blue (7%)



Red (27%)

Yellow (4%)

Blue (7%)

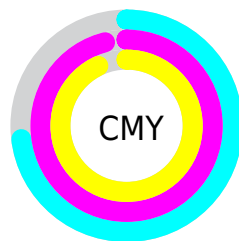


Cyan (0%)

Magenta (86%)

Yellow (74%)

Black (73%)



Cyan (73%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8520, -5.3500, 36.0868 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 28.8520, -5.3500, 36.0868 by changing the saturation by 10% instead.

■ 28.8520, -5.3500,
36.0868

■ 28.8520, -5.3500,
36.0868

■ 246.4740, -2.2057,
7.4773

■ 14.0530, -6.9281,
28.8945

■ 77.6630, -8.7079,
39.7605

■ 0.0000, 0.0000,
0.0000

■ 102.4460, -9.5869,
41.7049

■ 128.2290,
-10.4659, 43.6492

■ 155.0120,
-11.3449, 45.5935

■ 182.0230,
-11.3503, 47.3378

■ 207.2180,

-10.4605, 41.9048

■ 226.7320, -6.7699,
24.7910

■ 28.8520, -5.3500,
36.0868

■ 28.8520, -5.3500,
36.0868

■ 24.0590, -5.9451,
40.2903

■ 33.6450, -4.7550,
31.8833

■ 21.9560, -6.3873,
42.1346

■ 38.4380, -4.1599,
27.6799

■ 43.2310, -3.5649,
23.4764

■ 48.0240, -2.9698,
19.2730

■ 52.8170, -2.3748,
15.0695

■ 57.6100, -1.7797,
10.8660

■ 62.4030, -1.1847,
6.6626

■ 67.3100, -0.1528,
2.3591

■ 72.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



29.5880, 5.1331, 33.6873



28.8520, -5.3500, 36.0868



30.8650, -15.2164, 27.3054

Triad

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



28.8520, -5.3500, 36.0868



24.0670, -11.8650, -21.1068



30.9700, 22.1998, -27.1607

Complementary

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



28.8520, -5.3500, 36.0868



51.1480, 5.3500, -36.0868

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.



32.4060, 17.5478, -28.4201



28.8520, -5.3500, 36.0868



28.4330, -0.2135, -24.9357

Square

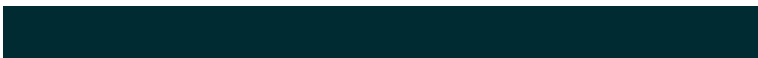
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.8520, -5.3500, 36.0868



30.0910, -14.8349, -1.8338



30.9410, 9.3961, -27.1353



31.6130, 20.4038, -11.0616

Rectangle

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



28.8520, -5.3500, 36.0868



32.2830, -15.9155, 18.1688



30.9410, 9.3961, -27.1353



31.4430, 21.4736, -27.5755

Sweetspot

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



28.8520, -5.3500, 36.0868



75.5180, -2.2274, 14.4547



32.3880, 18.5427, 25.9697



36.4140, -1.1901, 8.4069



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



28.8520, -5.3500, 36.0868



28.8760, -8.3199, 55.3597



40.8540, -15.2110, 25.5610



33.3100, -0.1528, 2.3591



31.0830, -8.9149, 59.5632



71.2930, -20.3574, 136.5550

Inverse Universe

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



28.8520, -5.3500, 36.0868



28.8760, -8.3199, 55.3597



39.1460, 15.2110, -25.5610



33.3100, -0.1528, 2.3591



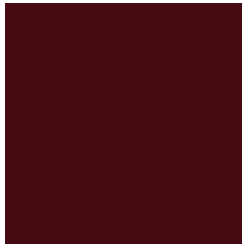
31.0830, -8.9149, 59.5632



71.2930, -20.3574, 136.5550

Previews

White Background



This preview shows how the YUV color 28.8520, -5.3500, 36.0868 looks on a white background.

Color Contrast Check

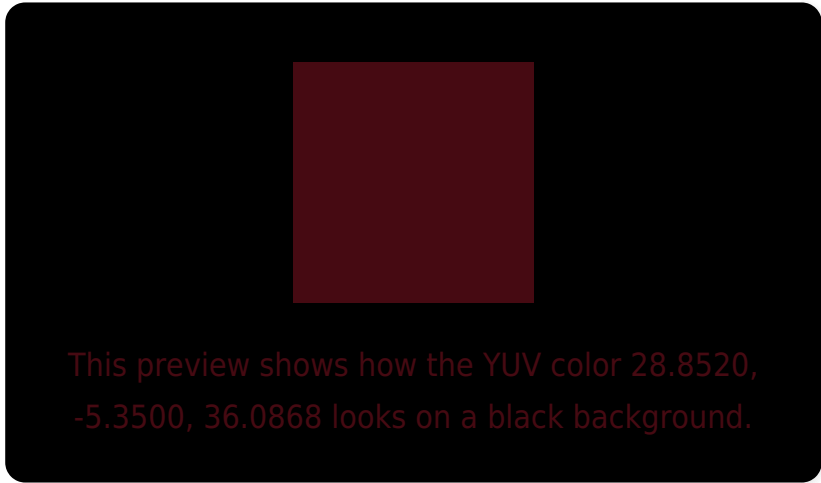
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8520, -5.3500, 36.0868

Background



This preview shows how black text looks on a background with the YUV color 28.8520, -5.3500, 36.0868.



This preview shows how white text looks on a background with the YUV color 28.8520, -5.3500,

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

28.8520, -5.3500, 36.0868

Protanopia

35.7570, -4.8102, 2.8441

Deuteranopia

35.0090, -10.3574, 8.7621



Tritanopia

29.2280, -8.9864, 35.7570

Trichromacy



Original Color

28.8520, -5.3500, 36.0868

Protanomaly

33.4210, -5.1376, 14.5398

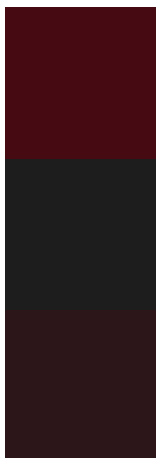
Deuteranomaly

32.5310, -8.6428, 18.8283

Tritanomaly

28.9830, -7.3866, 35.9719

Monochromacy



Original Color

28.8520, -5.3500, 36.0868

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8520, -5.3500, 36.0868 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(70, 10, 18)` looks like.

```
.text, #text, p{  
    color:rgb(70, 10, 18)  
}
```

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(70, 10, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 10, 18) }
```

Border

The CSS property to change the border of an element to YUV 28.8520, -5.3500, 36.0868 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(70, 10, 18) }
```


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

```
.border{ border-color:rgb(70, 10, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 10, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 10, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 10, 18);  
box-shadow:4px 4px 4px 4px rgb(70, 10, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.8520, -5.3500, 36.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 10, 18) }
```

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

```
.background{ background-color: rgb(70, 10,  
18) }
```

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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