

Converting Colors

YUV(28.4530, -0.2233, 25.0357)

Have a look what the booklet for
YUV(28.4530, -0.2233, 25.0357)
contains.

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Color

**YUV(28.4530, -0.2233,
25.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	390E1C
RGB	57, 14, 28
RGB Percent	22%, 5%, 11%
CMY	0.7765, 0.9451, 0.8902
CMYK	0.00, 0.75, 0.51, 0.78
HSL	340°, 61%, 14%
HSV	340°, 75%, 22%
XYZ	2.0540, 1.2678, 1.2351
YIQ	28.4530, 21.1340, 13.4700

Conversions

Conversions Part 2

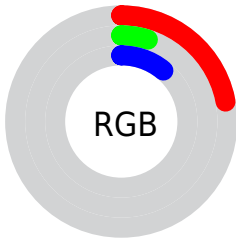
Format	Color
R_YB	57, 14, 28
Decimal	3739164
CIE _{Lab}	11.05, 22.68, 1.70
CIE _{LCh}	11, 22.746, 4.280
Yxy	1.2678, 0.4507, 0.2782
Android (android.graphics.Color)	4281929244 (0xFF390E1C)
YUV	28.4530, -0.2233, 25.0357
Hunter-Lab	11.2595, 12.8580, 1.3782




Details

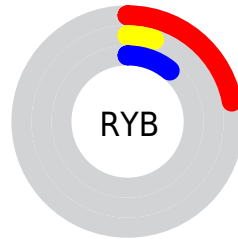
The YUV color **28.4530, -0.2233, 25.0357** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.5470, 0.2233, -25.0357**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **74.7200, -1.8340, 28.3096**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4750, -0.2342, 28.5244**, and if you desaturate by 10%, it is **32.4310, -0.2125, 21.5470**.

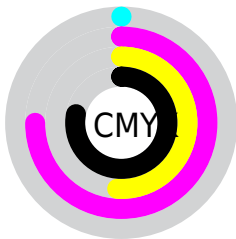
Distribution







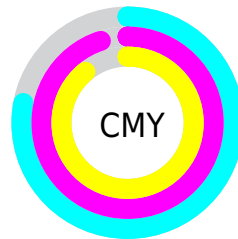
-  Red (22%)
-  Green (5%)
-  Blue (11%)






-  Red (22%)
-  Yellow (5%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (75%)
-  Yellow (51%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (95%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.4530, -0.2233, 25.0357 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 28.4530, -0.2233, 25.0357 by changing the saturation by 10% instead.

■ 28.4530, -0.2233,
25.0357

■ 28.4530, -0.2233,
25.0357

■ 247.9560, 3.4727,
6.1776

■ 11.4760, -5.1647,
23.2615

■ 74.7200, -1.8340,
28.3096

■ 0.0000, 0.0000,
0.0000

■ 99.3180, -2.1288,
29.5391

■ 123.9160, -2.4236,
30.7687

■ 150.5140, -2.7184,
31.9982

■ 177.2260, -2.5764,
33.1278

■ 204.8240, -2.8712,

34.3574

227.7410, -0.3653,
23.9061

28.4530, -0.2233,
25.0357

28.4530, -0.2233,
25.0357

24.4750, -0.2342,
28.5244

32.4310, -0.2125,
21.5470

21.0840, -0.5344,
31.4983

35.8220, 0.0878,
18.5731

19.2090, -0.1030,
33.1427

39.8000, 0.0986,
15.0844

43.6640, -0.3274,
11.6957

47.6420, -0.3165,
8.2070

■ 51.0330, -0.0163,
5.2331

■ 55.0110, -0.0054,
1.7444

■ 58.9890, 0.0054,
-1.7444

■ 62.3800, 0.3057,
-4.7183

Harmonies

Analogous

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



29.8310, 6.4923, 17.6882



28.4530, -0.2233, 25.0357



27.8630, -8.8065, 24.6761

Triad

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



28.4530, -0.2233, 25.0357



25.9490, -12.7929, -3.4633



27.0430, 14.7688, -23.7167

Complementary

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



28.4530, -0.2233, 25.0357



42.5470, 0.2233, -25.0357

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.



27.0770, 9.8220, -23.7465



28.4530, -0.2233, 25.0357



22.7280, -4.3029, -19.9325

Square

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



28.4530, -0.2233, 25.0357



27.7870, -13.6990, 7.2028



25.2530, 2.8333, -22.1469



25.1510, 17.6736, -22.0574

Rectangle

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



28.4530, -0.2233, 25.0357



27.8750, -13.7424, 21.1576



25.2530, 2.8333, -22.1469



26.8150, 13.8952, -23.5168

Sweetspot

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



28.4530, -0.2233, 25.0357



62.6530, -0.3219, 9.9513



27.5730, 14.5075, 13.5295



31.3320, -0.1637, 5.8478



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



28.4530, -0.2233, 25.0357



29.5410, -0.2667, 38.9905



30.9660, -8.3642, 22.8318



26.0110, -0.0054, 1.7444



30.9280, -0.4575, 53.5601



73.5750, -1.2695, 127.5377

Inverse Universe

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



28.4530, -0.2233, 25.0357



29.5410, -0.2667, 38.9905



40.0340, 8.3642, -22.8318



26.0110, -0.0054, 1.7444



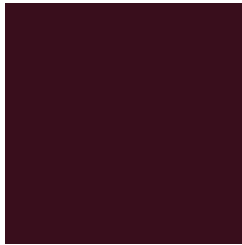
30.9280, -0.4575, 53.5601



73.5750, -1.2695, 127.5377

Previews

White Background



This preview shows how the YUV color 28.4530, -0.2233, 25.0357 looks on a white background.

Color Contrast Check

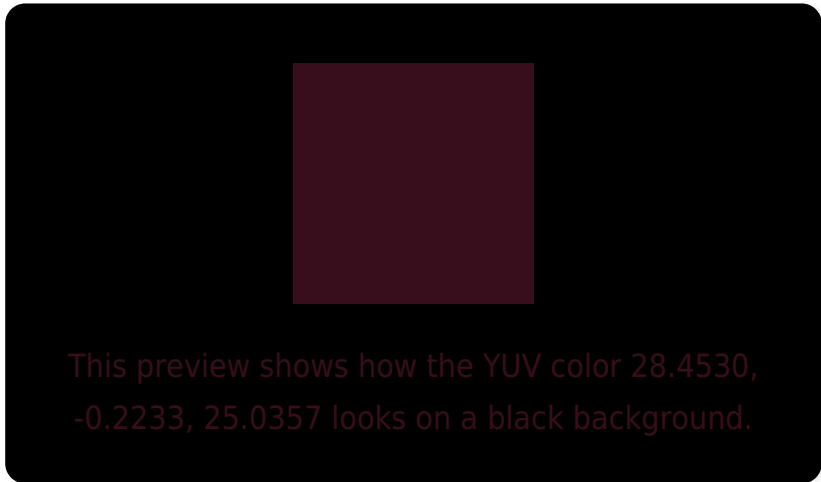
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4530, -0.2233, 25.0357

Background



This preview shows how black text looks on a background with the YUV color 28.4530, -0.2233, 25.0357.



This preview shows how white text looks on a background with the YUV color 28.4530, -0.2233,

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

28.4530, -0.2233, 25.0357

Protanopia

31.3850, 2.7682, -1.2146

Deuteranopia

31.3380, -2.6316, 4.0886



Tritanopia

28.6610, -5.7489, 23.9763

Trichromacy



Original Color

28.4530, -0.2233, 25.0357

Protanomaly

30.5110, 1.7201, 8.3219

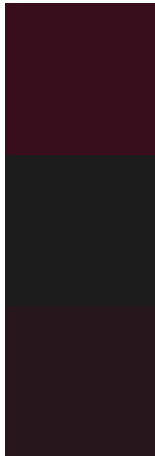
Deuteranomaly

30.3220, -1.6377, 11.9956

Tritanomaly

28.5300, -3.7123, 24.0912

Monochromacy



Original Color

28.4530, -0.2233, 25.0357

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.3540, -0.1745, 9.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.4530, -0.2233, 25.0357 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(57, 14, 28)` looks like.

```
.text, #text, p{  
    color:rgb(57, 14, 28)  
}
```

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(57, 14, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 14, 28) }
```

Border

The CSS property to change the border of an element to YUV 28.4530, -0.2233, 25.0357 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(57, 14, 28) }
```


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

```
.border{ border-color:rgb(57, 14, 28) }
```

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

Here you see how a box with a 4 pixel rgb(57, 14, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 14, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 14, 28);  
box-shadow:4px 4px 4px 4px rgb(57, 14, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.4530, -0.2233, 25.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 14, 28) }
```

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

```
.background{ background-color: rgb(57, 14,  
28) }
```

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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