

# Converting Colors

YUV(28.3050, 4.2866, 25.1655)

Have a look what the booklet for  
YUV(28.3050, 4.2866, 25.1655)  
contains.

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# Color

**YUV(28.3050, 4.2866,  
25.1655)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	390C25
RGB	57, 12, 37
RGB Percent	22%, 5%, 15%
CMY	0.7765, 0.9529, 0.8549
CMYK	0.00, 0.79, 0.35, 0.78
HSL	327°, 65%, 14%
HSV	327°, 79%, 22%
XYZ	2.1527, 1.2664, 1.8812
YIQ	28.3050, 18.7950, 17.3150

# Conversions

## Conversions Part 2

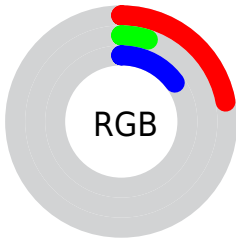
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	57, 12, 37
Decimal	3738661
CIE <sub>Lab</sub>	11.04, 24.92, -5.09
CIE <sub>LCh</sub>	11, 25.436, 348.465
Yxy	1.2664, 0.4062, 0.2389
Android (android.graphics.Color)	4281928741 (0xFF390C25)
YUV	28.3050, 4.2866, 25.1655
Hunter-Lab	11.2533, 14.4535, -2.0343




# Details

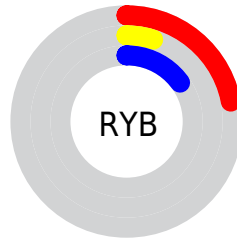
The YUV color **28.3050, 4.2866, 25.1655** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.6950, -4.2866, -25.1655**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **75.0880, 3.4076, 27.1098**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4410, 4.7126, 28.5542**, and if you desaturate by 10%, it is **32.1690, 3.8607, 21.7768**.

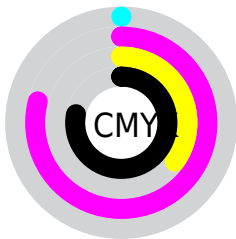
# Distribution







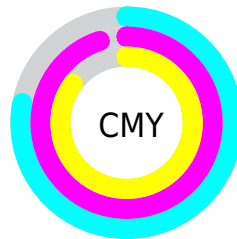
-  Red (22%)
-  Green (5%)
-  Blue (15%)






-  Red (22%)
-  Yellow (5%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (35%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (95%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 28.3050, 4.2866, 25.1655 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 28.3050, 4.2866, 25.1655 by changing the saturation by 10% instead.



■ 28.3050, 4.2866,  
25.1655

■ 28.3050, 4.2866,  
25.1655

■ 246.7820, 4.0515,  
7.2072

■ 13.1860, 1.3873,  
21.7619

■ 75.0880, 3.4076,  
27.1098

■ 0.0000, 0.0000,  
0.0000

■ 99.0990, 3.4022,  
28.8542

■ 124.6970, 3.1074,  
30.0837


■ 150.9960, 2.9600,  
30.6985

■ 177.7080, 3.1020,  
31.8281


■ 205.3060, 2.8071,


33.0576

 228.6360, 5.6025,  
23.1212

 28.3050, 4.2866,  
25.1655


 28.3050, 4.2866,  
25.1655


 24.4410, 4.7126,  
28.5542

 32.1690, 3.8607,  
21.7768


 21.2780, 5.2859,  
31.3282

 35.3320, 3.2873,  
19.0028

 20.6910, 5.5753,  
31.8430

 39.1960, 2.8614,  
15.6141

 42.9460, 1.9986,  
12.3254

 46.8100, 1.5727,  
8.9366

■ 49.9730, 0.9993,  
6.1627

■ 53.8370, 0.5734,  
2.7740

■ 57.5870, -0.2894,  
-0.5148

■ 60.8640, -0.4260,  
-3.3887

# Harmonies

## Analogous

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



30.6390, 11.0240, 10.8406



28.3050, 4.2866, 25.1655



27.1500, -4.0179, 28.8095

# Triad

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



28.3050, 4.2866, 25.1655



27.4550, -13.5353, 1.3550



27.9890, 13.3164, -24.5464

# Complementary

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



28.3050, 4.2866, 25.1655



40.6950, -4.2866, -25.1655

# 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.



26.8660, 6.4751, -23.5615



28.3050, 4.2866, 25.1655



22.9370, -11.3079, -13.0997

# Square

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



28.3050, 4.2866, 25.1655



28.4180, -14.0101, 13.6654



24.2270, -1.0979, -21.2471



27.2540, 18.1158, -23.9018



# Rectangle

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



28.3050, 4.2866, 25.1655



27.0760, -11.8695, 27.1203



24.2270, -1.0979, -21.2471



27.5330, 11.5692, -24.1464

# Sweetspot

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



28.3050, 4.2866, 25.1655



62.5220, 1.7147, 10.0662



23.1100, 16.7078, 7.7965



30.9730, 0.9993, 6.1627



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.



28.3050, 4.2866, 25.1655



29.3760, 6.7166, 39.1352



25.7970, -5.3229, 27.3650



26.1250, 0.4314, 1.6444



33.3220, 8.7153, 51.4606



79.3890, 21.0072, 122.4388



# Inverse Universe

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



28.3050, 4.2866, 25.1655



29.3760, 6.7166, 39.1352



43.2030, 5.3229, -27.3650



26.1250, 0.4314, 1.6444



33.3220, 8.7153, 51.4606

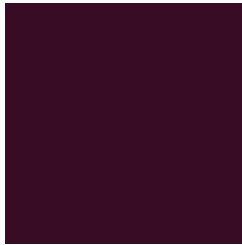


79.3890, 21.0072, 122.4388



# Previews

## White Background



This preview shows how the YUV color 28.3050, 4.2866, 25.1655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

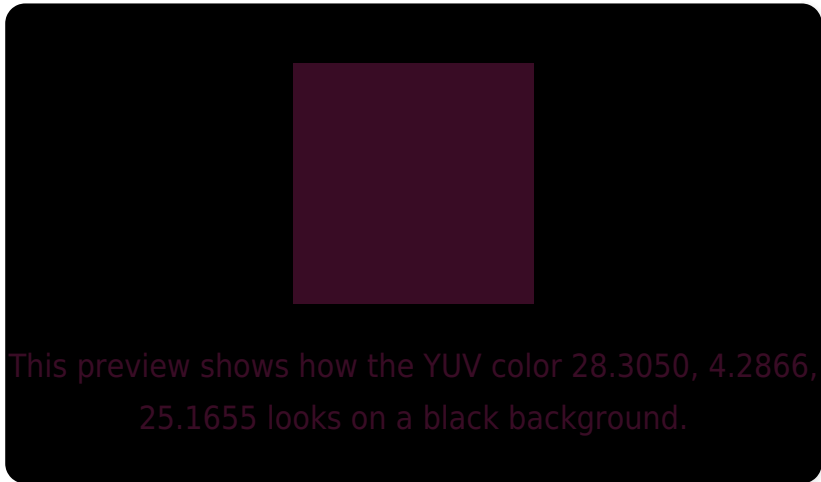
Any Text WCAG AA ✓ Pass

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

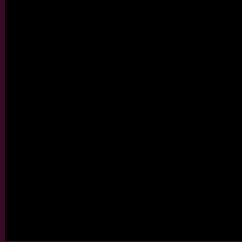
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 28.3050, 4.2866, 25.1655

## Background



This preview shows how black text looks on a background with the YUV color 28.3050, 4.2866, 25.1655.



This preview shows how white text looks on a background with the YUV color 28.3050, 4.2866, 25.1655.



# 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

28.3050, 4.2866, 25.1655

### Protanopia

31.3720, 9.1836, -5.5882

### Deuteranopia

32.0540, 1.4524, 0.8296



## Tritanopia

29.4760, -5.1647, 23.2615

# Trichromacy



## Original Color

28.3050, 4.2866, 25.1655

## Protanomaly

30.2810, 7.2565, 5.8926

## Deuteranomaly

30.7500, 2.5882, 9.8663

## Tritanomaly

29.1000, -1.5283, 23.5913

# Monochromacy



## Original Color

28.3050, 4.2866, 25.1655

## Achromatopsia

28.0000, 0.0000, 0.0000

## Achromatomaly

28.1090, 1.4253, 9.5514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 28.3050, 4.2866, 25.1655 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, 12, 37)` looks like.

```
.text, #text, p{  
    color:rgb(57, 12, 37)  
}
```

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, 12, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 12, 37) }
```

## Border

The CSS property to change the border of an element to YUV 28.3050, 4.2866, 25.1655 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, 12, 37) }
```



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

```
.border{ border-color:rgb(57, 12, 37) }
```

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

Here you see how a box with a 4 pixel rgb(57, 12, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 12, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 12, 37);  
box-shadow:4px 4px 4px 4px rgb(57, 12, 37)  
}
```

# Background

The CSS property to change the background color of an element to YUV 28.3050, 4.2866, 25.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 12, 37) }
```

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

```
.background{ background-color: rgb(57, 12,  
37) }
```

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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