

Converting Colors

YUV(28.8590, -9.2975, 42.2197)

Have a look what the booklet for
YUV(28.8590, -9.2975, 42.2197)
contains.

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Color

**YUV(28.8590, -9.2975,
42.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	4D080A
RGB	77, 8, 10
RGB Percent	30%, 3%, 4%
CMY	0.6980, 0.9686, 0.9608
CMYK	0.00, 0.90, 0.87, 0.70
HSL	358°, 81%, 17%
HSV	358°, 90%, 30%
XYZ	3.2022, 1.7734, 0.4607
YIQ	28.8590, 40.4820, 15.2500

Conversions

Conversions Part 2

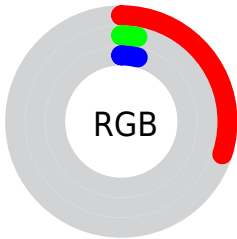
Format	Color
R_{YB}	77, 8, 10
Decimal	5048330
CIE Lab	14.25, 31.10, 17.98
CIE LCh	14, 35.923, 30.033
Yxy	1.7734, 0.5890, 0.3262
Android (android.graphics.Color)	4283238410 (0xFF4D080A)
YUV	28.8590, -9.2975, 42.2197
Hunter-Lab	13.3168, 19.6183, 7.2707

Details

The YUV color **28.8590, -9.2975, 42.2197** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.1410, 9.2975, -42.2197**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3710, -12.5079, 45.2786**, and **4.7840, -2.3585, 9.8364** is the 20% darker color. If you saturate the color by 10%, you get **23.3650, -10.0399, 47.0379**, and if you desaturate by 10%, it is **34.3530, -8.5550, 37.4014**.

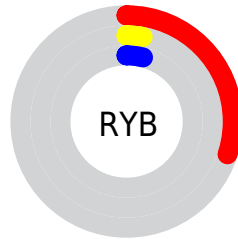
Distribution



Red (30%)

Green (3%)

Blue (4%)



Red (30%)

Yellow (3%)

Blue (4%)

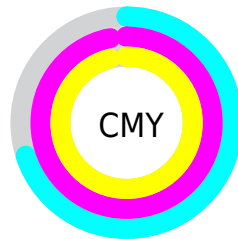


Cyan (0%)

Magenta (90%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8590, -9.2975, 42.2197 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 28.8590, -9.2975, 42.2197 by changing the saturation by 10% instead.

■ 28.8590, -9.2975,
42.2197

■ 28.8590, -9.2975,
42.2197

■ 246.1490, -5.9895,
7.7623

■ 15.2490, -7.5178,
31.3536

■ 79.3710, -12.5079,
45.2786

■ 4.7840, -2.3585,
9.8364

■ 104.3390,
-13.9711, 47.9377

■ 0.0000, 0.0000,
0.0000

■ 131.0080,
-15.2869, 49.9820

■ 157.2040,
-15.8766, 52.4411

■ 184.9870,
-16.7556, 54.3854

■ 206.3060,

-13.9549, 42.7046

■ 225.8200,
-10.2643, 25.5909

■ 28.8590, -9.2975,
42.2197

■ 28.8590, -9.2975,
42.2197

■ 23.3650, -10.0399,
47.0379

■ 34.3530, -8.5550,
37.4014

■ 23.2510, -10.4767,
47.1379

■ 39.3740, -7.0864,
32.9980

■ 44.8680, -6.3439,
28.1798

■ 50.4760, -5.1647,
23.2615

■ 55.9700, -4.4222,
18.4433

■ 60.9910, -2.9536,
14.0399

■ 66.4850, -2.2111,
9.2217

■ 72.0930, -1.0318,
4.3034

■ 77.0000, 0.0000,
0.0000

Harmonies

Analogous

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



28.1270, 4.3744, 43.7386



28.8590, -9.2975, 42.2197



33.5230, -16.5268, 27.6053

Triad

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



28.8590, -9.2975, 42.2197



27.0990, -10.4018, -23.7658



33.3980, 26.4258, -29.2900

Complementary

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



28.8590, -9.2975, 42.2197



56.1410, 9.2975, -42.2197

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.



35.5350, 21.9212, -31.1642



28.8590, -9.2975, 42.2197



31.5790, 1.6866, -27.6948

Square

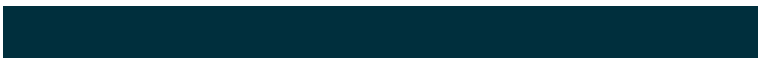
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.8590, -9.2975, 42.2197



30.9330, -15.2500, -8.7112



34.5430, 13.0433, -30.2942



35.4120, 21.9819, -3.8693

Rectangle

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



28.8590, -9.2975, 42.2197



34.6310, -17.0731, 16.1096



34.5430, 13.0433, -30.2942



34.4580, 25.4102, -30.2197

Sweetspot

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



28.8590, -9.2975, 42.2197



80.7740, -3.8326, 15.9842



35.8990, 20.2628, 34.2916



39.7840, -2.3585, 9.8364



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



28.8590, -9.2975, 42.2197



29.9430, -13.2829, 60.5630



47.4150, -19.4316, 25.9460



35.3100, -0.1528, 2.3591



30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Inverse Universe

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



28.8590, -9.2975, 42.2197



29.9430, -13.2829, 60.5630



37.5850, 19.4316, -25.9460



35.3100, -0.1528, 2.3591



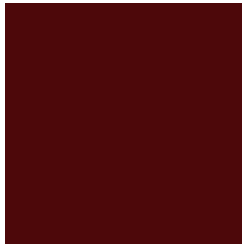
30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Previews

White Background



This preview shows how the YUV color 28.8590, -9.2975, 42.2197 looks on a white background.

Color Contrast Check

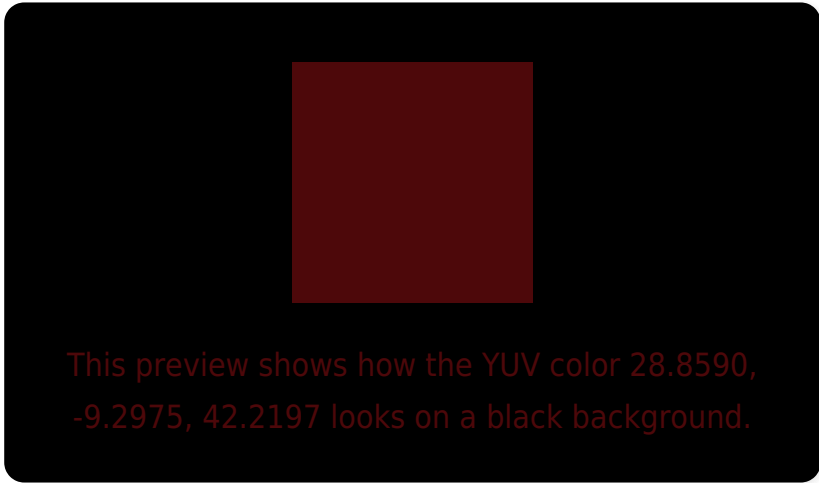
Large Text (above 18pt) WCAG AA ✓ Pass

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

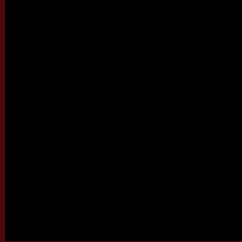
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.8590, -9.2975, 42.2197

Background



This preview shows how black text looks on a background with the YUV color 28.8590, -9.2975, 42.2197.



This preview shows how white text looks on a background with the YUV color 28.8590, -9.2975,

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

28.8590, -9.2975, 42.2197

Protanopia

37.9870, -10.3466, 5.2734

Deuteranopia

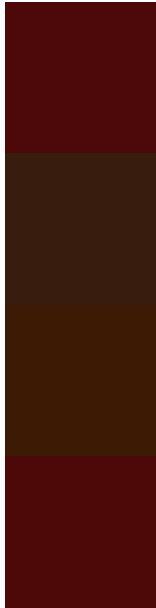
36.6690, -18.0778, 11.6913



Tritanopia

28.9900, -11.3341, 42.1048

Trichromacy



Original Color

28.8590, -9.2975, 42.2197

Protanomaly

34.7760, -10.2426, 18.6134

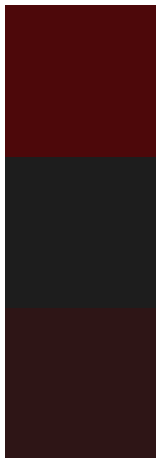
Deuteranomaly

33.6580, -14.6214, 23.1019

Tritanomaly

29.1040, -10.8973, 42.0048

Monochromacy



Original Color

28.8590, -9.2975, 42.2197

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.5890, -3.2484, 15.2694

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8590, -9.2975, 42.2197 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(77, 8, 10)` looks like.

```
.text, #text, p{  
    color:rgb(77, 8, 10)  
}
```

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(77, 8, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 8, 10) }
```

Border

The CSS property to change the border of an element to YUV 28.8590, -9.2975, 42.2197 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(77, 8, 10) }
```


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

```
.border{ border-color:rgb(77, 8, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 8, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 8, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 8, 10); box-shadow:4px  
4px 4px 4px rgb(77, 8, 10) }
```

Background

The CSS property to change the background color of an element to YUV 28.8590, -9.2975, 42.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 8, 10) }
```

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

```
.background{ background-color: rgb(77, 8,  
10) }
```

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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