

# Converting Colors

YUV(25.2450, -11.4598,  
35.7421)

Have a look what the booklet for  
YUV(25.2450, -11.4598, 35.7421)  
contains.

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# Color

**YUV(25.2450, -11.4598,  
35.7421)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 420902                   |
| RGB         | 66, 9, 2                 |
| RGB Percent | 26%, 4%, 1%              |
| CMY         | 0.7412, 0.9647, 0.9922   |
| CMYK        | 0.00, 0.86, 0.97, 0.74   |
| HSL         | 7°, 94%, 13%             |
| HSV         | 7°, 97%, 26%             |
| XYZ         | 2.3554, 1.3580, 0.1954   |
| YIQ         | 25.2450, 36.2190, 9.9070 |

# Conversions

## Conversions Part 2

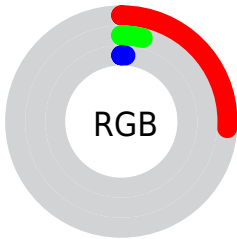
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">66, 10, 2</a>                      |
| Decimal                             | <a href="#">4327682</a>                        |
| CIELab                              | <a href="#">11.68, 26.48, 17.33</a>            |
| CIElCh                              | <a href="#">12, 31.653, 33.206</a>             |
| Yxy                                 | <a href="#">1.3580, 0.6026,<br/>0.3474</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4282517762<br/>(0xFF420902)</a>    |
| YUV                                 | <a href="#">25.2450, -11.4598,<br/>35.7421</a> |
| Hunter-Lab                          | <a href="#">11.6534, 15.6856,<br/>7.1631</a>   |

# Details

The YUV color **25.2450, -11.4598, 35.7421** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.7550, 11.4598, -35.7421**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7400, -12.1968, 38.8160**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.8430, -11.7546, 36.9717**, and if you desaturate by 10%, it is **29.5650, -10.1385, 31.9535**.

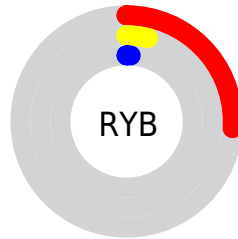
# Distribution



Red (26%)

Green (4%)

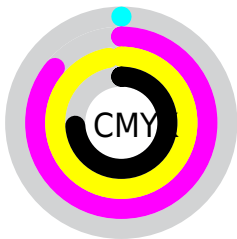
Blue (1%)



Red (26%)

Yellow (4%)

Blue (1%)

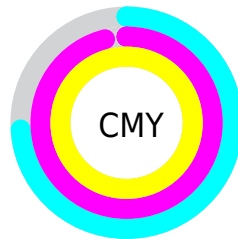


Cyan (0%)

Magenta (86%)

Yellow (97%)

Black (74%)



Cyan (74%)

Magenta (96%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 25.2450, -11.4598, 35.7421 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 25.2450, -11.4598, 35.7421 by changing the saturation by 10% instead.



■ 25.2450, -11.4598,  
35.7421

■ 25.2450, -11.4598,  
35.7421

■ 243.0030, -7.8895,  
10.5214

■ 12.8570, -6.3385,  
26.4354

■ 73.7400, -12.1968,  
38.8160

■ 0.0000, 0.0000,  
0.0000

■ 98.7080, -13.6600,  
41.4751


■ 124.4910,  
-14.5391, 43.4194


■ 150.3880,  
-14.9813, 45.2637


■ 178.0570,  
-16.2971, 47.3080


■ 203.8610,


-15.7075, 44.8489


 223.3750,  
-12.0169, 27.7351


 25.2450, -11.4598,  
35.7421


 25.2450, -11.4598,  
35.7421


 23.8430, -11.7546,  
36.9717

 29.5650, -10.1385,  
31.9535

 33.7710, -9.2541,  
28.2648

 38.0910, -7.9329,  
24.4762

 42.2970, -7.0484,  
20.7875

 46.0300, -5.4378,  
17.5137

■ 50.3500, -4.1165,  
13.7251

■ 54.5560, -3.2321,  
10.0364

■ 58.8760, -1.9109,  
6.2477

■ 63.0820, -1.0264,  
2.5591

# Harmonies

## Analogous

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



24.9260, 2.5015, 37.7759



25.2450, -11.4598, 35.7421



29.3590, -14.4740, 22.4872

# Triad

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



25.2450, -11.4598, 35.7421



23.5770, -8.6655, -20.6770



27.9210, 23.2099, -24.4867

# Complementary

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



25.2450, -11.4598, 35.7421



42.7550, 11.4598, -35.7421

# 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.



30.2860, 19.5790, -26.5608



25.2450, -11.4598, 35.7421



27.8290, 2.5493, -24.4060

# Square

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



25.2450, -11.4598, 35.7421



25.9160, -12.7766, -8.6963



29.6360, 12.0115, -25.9908



31.4080, 18.0399, 0.5192



# Rectangle

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



25.2450, -11.4598, 35.7421



29.5920, -14.5889, 12.6358



29.6360, 12.0115, -25.9908



28.9810, 22.1944, -25.4163

# Sweetspot

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



25.2450, -11.4598, 35.7421



70.6490, -4.2640, 14.3398



27.7480, 15.9002, 33.5470



33.6590, -2.7899, 8.1921



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



25.2450, -11.4598, 35.7421



31.2960, -15.4289, 48.8524



43.4420, -20.4309, 19.7834



30.8970, -0.4422, 1.8443



35.4600, -17.4818, 53.9706



81.6510, -40.2539, 124.8401



# Inverse Universe

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



42.7550, 11.4598, -35.7421



55.1170, 15.7183, -48.3376



24.5580, 20.4309, -19.7834



32.1030, 0.4422, -1.8443



61.5400, 17.4818, -53.9706

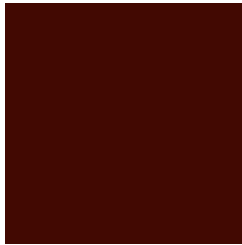


142.9360, 39.9646, -125.3549



# Previews

## White Background



This preview shows how the YUV color 25.2450, -11.4598, 35.7421 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

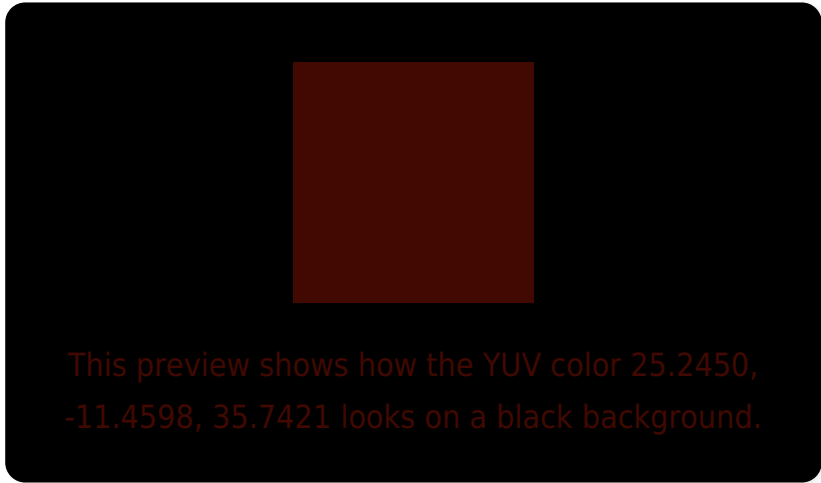
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

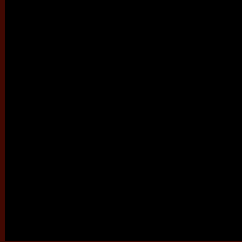
Any Text WCAG AA × Fail

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 25.2450, -11.4598, 35.7421 Background



This preview shows how black text looks on a background with the YUV color 25.2450, -11.4598, 35.7421.



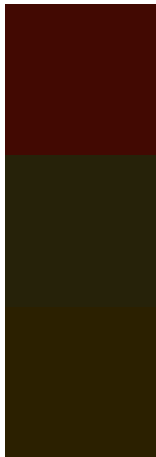
This preview shows how white text looks on a background with the YUV color 25.2450, -11.4598,



# 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

25.2450, -11.4598, 35.7421

### Protanopia

32.3460, -11.5096, 4.9586

### Deuteranopia

31.6410, -15.5990, 9.9618



## Tritanopia

25.8150, -9.2758, 35.2422

# Trichromacy



## Original Color

25.2450, -11.4598, 35.7421

## Protanomaly

29.7110, -11.6895, 16.0395

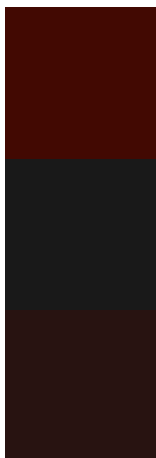
## Deuteranomaly

29.4510, -14.0263, 18.8985

## Tritanomaly

25.5870, -10.1494, 35.4422

# Monochromacy



## Original Color

25.2450, -11.4598, 35.7421

## Achromatopsia

25.0000, 0.0000, 0.0000

## Achromatomaly

25.0510, -3.9691, 13.1103

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 25.2450, -11.4598, 35.7421 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(66, 9, 2)` looks like.

```
.text, #text, p{  
    color:rgb(66, 9, 2)  
}
```

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(66, 9, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 9, 2) }
```

## Border

The CSS property to change the border of an element to YUV 25.2450, -11.4598, 35.7421 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(66, 9, 2) }
```



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

```
.border{ border-color:rgb(66, 9, 2) }
```

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

Here you see how a box with a 4 pixel rgb(66, 9, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 9, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 9, 2); box-shadow:4px  
4px 4px 4px rgb(66, 9, 2) }
```

# Background

The CSS property to change the background color of an element to YUV 25.2450, -11.4598, 35.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 9, 2) }
```

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

```
.background{ background-color: rgb(66, 9,  
2) }
```

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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