

# Converting Colors

YUV(25.2420, 29.9537, 5.9268)

Have a look what the booklet for  
YUV(25.2420, 29.9537, 5.9268)  
contains.

|  |    |
|--|----|
| <b>YUV(25.2420, 29.9537, 5.9268)</b> .....     | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(25.2420, 29.9537,  
5.9268)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 200A56                     |
| RGB         | 32, 10, 86                 |
| RGB Percent | 13%, 4%, 34%               |
| CMY         | 0.8745, 0.9608, 0.6627     |
| CMYK        | 0.63, 0.88, 0.00, 0.66     |
| HSL         | 257°, 79%, 19%             |
| HSV         | 257°, 88%, 34%             |
| XYZ         | 2.3839, 1.1960, 8.9093     |
| YIQ         | 25.2420, -11.2840, 28.3000 |

# Conversions

## Conversions Part 2

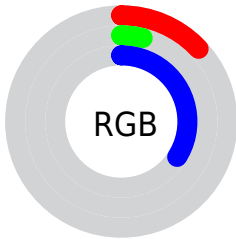
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 32, 10, 86                    |
| Decimal                             | 2099798                       |
| CIE <sub>Lab</sub>                  | 10.53, 32.01, -41.09          |
| CIE <sub>LCh</sub>                  | 11, 52.089, 307.923           |
| Yxy                                 | 1.1960, 0.1909,<br>0.0958     |
| Android<br>(android.graphics.Color) | 4280289878<br>(0xFF200A56)    |
| YUV                                 | 25.2420, 29.9537,<br>5.9268   |
| Hunter-Lab                          | 10.9364, 19.7709,<br>-40.6451 |




# Details

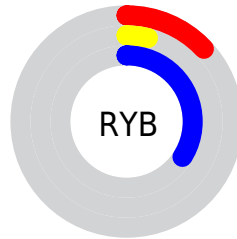
The YUV color **25.2420, 29.9537, 5.9268** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **70.7580, -29.9537, -5.9268**, and the grayscale version is **25.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **73.0190, 31.5426, 9.6303**, and **6.2070, 16.1669, -5.4435** is the 20% darker color. If you saturate the color by 10%, you get **18.1650, 33.4427, 6.8713**, and if you desaturate by 10%, it is **32.3190, 26.4647, 4.9822**.

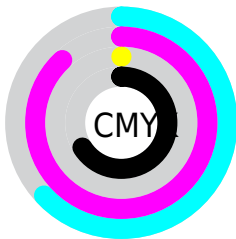
# Distribution







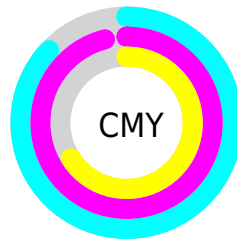
-  Red (13%)
-  Green (4%)
-  Blue (34%)






-  Red (13%)
-  Yellow (4%)
-  Blue (34%)



-  Cyan (63%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (87%)
-  Magenta (96%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 25.2420, 29.9537, 5.9268 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 25.2420, 29.9537, 5.9268 by changing the saturation by 10% instead.



■ 25.2420, 29.9537,  
5.9268

■ 25.2420, 29.9537,  
5.9268

■ 245.0210, 4.9196,  
8.7516

■ 10.3570, 25.4600,  
0.5639

■ 73.0190, 31.5426,  
9.6303

■ 6.2070, 16.1669,  
-5.4435

■ 98.1440, 31.9740,  
11.2747

■ 2.5250, 7.1362,  
-2.2144

■ 123.1980, 33.4264,  
12.1044


■ 0.0000, 0.0000,  
0.0000


■ 150.0240, 34.0052,  
13.1340


■ 176.9640, 35.0207,  
14.0636


■ 201.9830, 26.1374,


16.6779


 227.0900, 13.7596,  
20.0921


 25.2420, 29.9537,  
5.9268


 25.2420, 29.9537,  
5.9268


 18.1650, 33.4427,  
6.8713


 32.3190, 26.4647,  
4.9822

 17.2790, 33.8795,  
6.7713

 38.8090, 23.2652,  
4.5525

 45.8860, 19.7762,  
3.6080

 52.3760, 16.5766,  
3.1782

 59.7520, 12.9403,  
2.8485

■ 66.8290, 9.4513,  
1.9040

■ 73.3190, 6.2517,  
1.4742

■ 80.3960, 2.7628,  
0.5297

■ 86.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



30.2980, 34.8561, -26.5713



25.2420, 29.9537, 5.9268



28.5100, 13.5526, 39.8947

# Triad

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



25.2420, 29.9537, 5.9268



25.8480, -12.7431, 27.3203



28.8720, 4.0071, -25.3207

# Complementary

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



25.2420, 29.9537, 5.9268



70.7580, -29.9537, -5.9268

# 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.



24.0670, -11.8650, -21.1068



25.2420, 29.9537, 5.9268



26.5690, -13.0985, 1.2550

# Square

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



25.2420, 29.9537, 5.9268



23.0230, -11.3503, 47.3378



22.3060, -10.9969, -19.5624



33.4490, 19.0056, -29.3348



# Rectangle

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



25.2420, 29.9537, 5.9268



28.8780, 2.0321, 48.3420



22.3060, -10.9969, -19.5624



27.5040, -1.2345, -24.1210

# Sweetspot

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



25.2420, 29.9537, 5.9268



88.1110, 11.7773, 2.5337



50.3620, 17.5695, -35.3975



41.5470, 7.1253, 1.2743



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



25.2420, 29.9537, 5.9268



22.3360, 44.2044, 8.4753



36.6040, 24.3522, 29.2883



39.7550, 1.5998, 0.2149



21.4670, 42.1678, 8.3604



47.1220, 92.6239, 18.3100



# Inverse Universe

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



38.8800, 12.3842, 41.3242



42.6080, 18.4343, 60.8568



59.3960, -24.3522, -29.2883



40.5380, 0.7208, 2.1592



40.6570, 17.4241, 58.1828

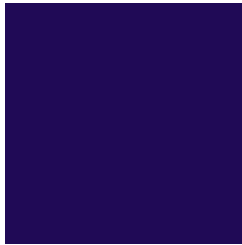


89.3030, 38.3046, 127.7763



# Previews

## White Background



This preview shows how the YUV color 25.2420, 29.9537, 5.9268 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

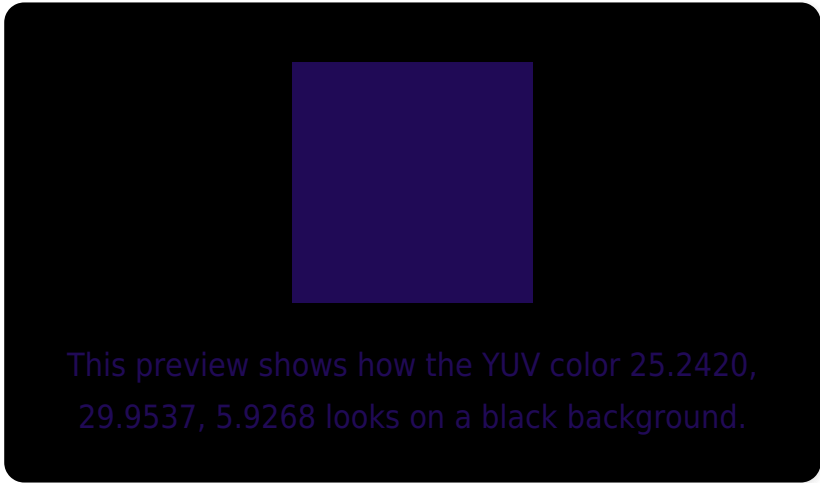
Any Text WCAG AA ✓ Pass

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

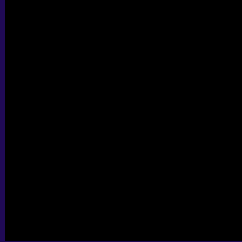
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 25.2420, 29.9537, 5.9268

## Background



This preview shows how black text looks on a background with the YUV color 25.2420, 29.9537, 5.9268.



This preview shows how white text looks on a background with the YUV color 25.2420, 29.9537,



# 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

25.2420, 29.9537, 5.9268

### Protanopia

24.6780, 18.3997, -21.6426

### Deuteranopia

24.8260, 13.8898, -21.7724



## Tritanopia

24.1760, 6.3222, -21.2024

# Trichromacy



## Original Color

25.2420, 29.9537, 5.9268

## Protanomaly

25.1830, 22.5878, -11.5615

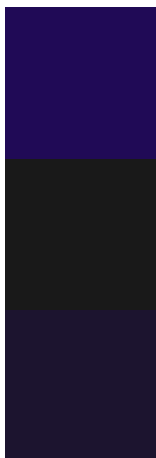
## Deuteranomaly

25.0860, 19.6776, -11.4764

## Tritanomaly

24.5330, 15.0202, -10.9914

# Monochromacy



## Original Color

25.2420, 29.9537, 5.9268

## Achromatopsia

25.0000, 0.0000, 0.0000

## Achromatomaly

25.4700, 10.6143, 2.2188

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 25.2420, 29.9537, 5.9268 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(32, 10, 86)` looks like.

```
.text, #text, p{  
    color:rgb(32, 10, 86)  
}
```

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(32, 10, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 10, 86) }
```

## Border

The CSS property to change the border of an element to YUV 25.2420, 29.9537, 5.9268 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(32, 10, 86) }
```



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

```
.border{ border-color:rgb(32, 10, 86) }
```

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

Here you see how a box with a 4 pixel rgb(32, 10, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 10, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 10, 86);  
box-shadow:4px 4px 4px 4px rgb(32, 10, 86)  
}
```

# Background

The CSS property to change the background color of an element to YUV 25.2420, 29.9537, 5.9268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 10, 86) }
```

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

```
.background{ background-color: rgb(32, 10,  
86) }
```

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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