

# Converting Colors

YUV(25.9970, 14.7915, 15.7886)

Have a look what the booklet for  
YUV(25.9970, 14.7915, 15.7886)  
contains.

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# Color

**YUV(25.9970, 14.7915,  
15.7886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C0B38
RGB	44, 11, 56
RGB Percent	17%, 4%, 22%
CMY	0.8275, 0.9569, 0.7804
CMYK	0.21, 0.80, 0.00, 0.78
HSL	284°, 67%, 13%
HSV	284°, 80%, 22%
XYZ	1.8722, 1.0603, 3.8474
YIQ	25.9970, 5.2230, 20.9910

# Conversions

## Conversions Part 2

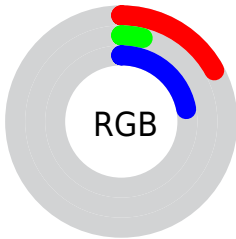
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 11, 56
Decimal	2886456
CIE <sub>Lab</sub>	9.48, 25.19, -21.69
CIE <sub>LCh</sub>	9, 33.240, 319.265
Yxy	1.0603, 0.2761, 0.1564
Android (android.graphics.Color)	4281076536 (0xFF2C0B38)
YUV	25.9970, 14.7915, 15.7886
Hunter-Lab	10.2973, 14.4335, -14.9444




# Details

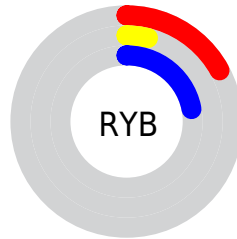
The YUV color **25.9970, 14.7915, 15.7886** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.0030, -14.7915, -15.7886**, and the grayscale version is **26.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **72.1220, 15.2229, 17.4330**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **22.1760, 16.6752, 18.2626**, and if you desaturate by 10%, it is **29.8180, 12.9077, 13.3146**.

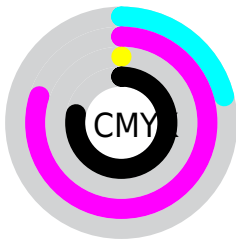
# Distribution







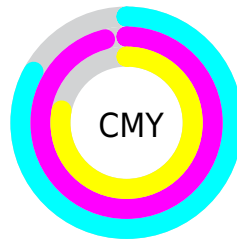
-  Red (17%)
-  Green (4%)
-  Blue (22%)






-  Red (17%)
-  Yellow (4%)
-  Blue (22%)



-  Cyan (21%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (83%)
-  Magenta (96%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 25.9970, 14.7915, 15.7886 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 25.9970, 14.7915, 15.7886 by changing the saturation by 10% instead.



■ 25.9970, 14.7915,  
15.7886

■ 25.9970, 14.7915,  
15.7886

■ 245.0210, 4.9196,  
8.7516

■ 11.7640, 11.4553,  
12.4850

■ 72.1220, 15.2229,  
17.4330

■ 1.0260, 3.9312,  
-0.8998

■ 96.0620, 16.2384,  
18.3626

■ 0.0000, 0.0000,  
0.0000


■ 121.4750, 16.5278,  
18.8774


■ 147.3010, 17.1066,  
19.9070


■ 173.7140, 17.3960,  
20.4218


■ 201.2410, 18.1222,


20.8366


 228.2860, 13.1700,  
22.5512


 25.9970, 14.7915,  
15.7886


 25.9970, 14.7915,  
15.7886


 22.1760, 16.6752,  
18.2626


 29.8180, 12.9077,  
13.3146

 18.6430, 18.4170,  
19.6071

 33.3510, 11.1660,  
11.9702

 37.1720, 9.2822,  
9.4962

 40.7050, 7.5404,  
8.1517

 44.5260, 5.6567,  
5.6777

■ 48.6460, 3.6255,  
3.8185

■ 51.8800, 2.0312,  
1.8592

■ 56.0000, 0.0000,  
0.0000

■ 59.2340, -1.5944,  
-1.9592

# Harmonies

## Analogous

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



21.9540, 23.1937, -19.2537



25.9970, 14.7915, 15.7886



22.2290, 6.2961, 34.0022

# Triad

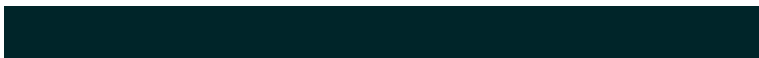
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.9970, 14.7915, 15.7886



25.7600, -12.6997, 13.3655



26.3930, 7.2013, -23.1467

# Complementary

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



25.9970, 14.7915, 15.7886



41.0030, -14.7915, -15.7886

# 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.



23.6570, -3.2819, -20.7472



25.9970, 14.7915, 15.7886



23.8890, -11.7773, -2.5337

# Square

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



25.9970, 14.7915, 15.7886



22.6140, -11.1487, 29.2795



19.9580, -9.8393, -17.5032



27.3850, 16.0792, -24.0166



# Rectangle

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



25.9970, 14.7915, 15.7886



21.4160, -0.6981, 37.3462



19.9580, -9.8393, -17.5032



25.4810, 3.7069, -22.3468

# Sweetspot

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



25.9970, 14.7915, 15.7886



61.9390, 5.9461, 6.1925



23.1740, 16.1832, -10.6766



30.6460, 3.6255, 3.8185



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.



25.9970, 14.7915, 15.7886



26.6420, 23.3475, 24.8700



28.4450, 8.6546, 24.1657



25.9400, 1.0156, 0.9296



30.5210, 30.3091, 31.9921



73.1050, 71.9262, 77.0839



# Inverse Universe

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



25.8230, -1.3917, 26.4652



26.3950, -2.1667, 41.7496



38.6690, -8.2178, -24.2657



26.0110, -0.0054, 1.7444



30.2440, -3.0783, 54.1600

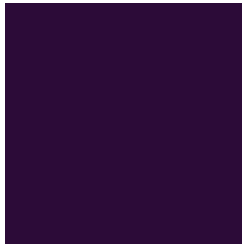


72.0930, -6.9478, 128.8374



# Previews

## White Background



This preview shows how the YUV color 25.9970, 14.7915, 15.7886 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

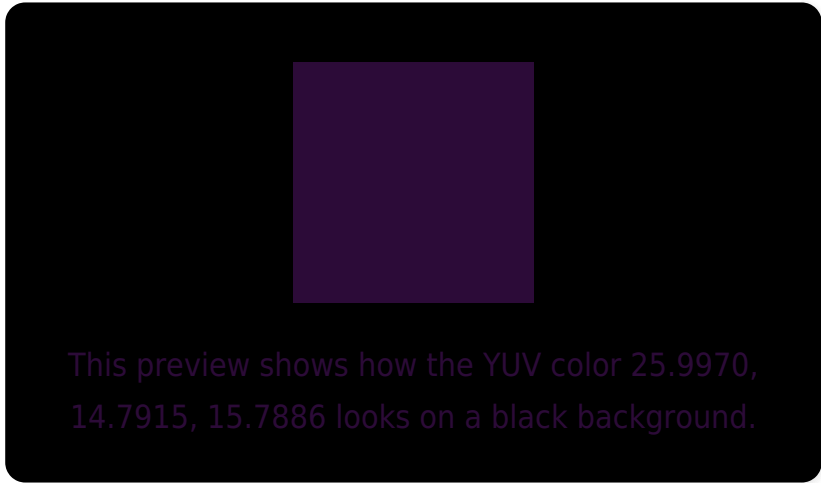
Any Text WCAG AA ✓ Pass

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

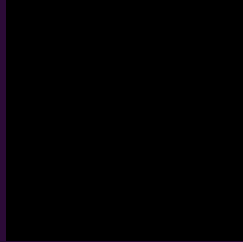
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 25.9970, 14.7915, 15.7886

## Background



This preview shows how black text looks on a background with the YUV color 25.9970, 14.7915, 15.7886.



This preview shows how white text looks on a background with the YUV color 25.9970, 14.7915,



# 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

25.9970, 14.7915, 15.7886

### Protanopia

22.4610, 17.5207, -19.6983

### Deuteranopia

22.8370, 13.8844, -20.0280



**Tritanopia**

28.5990, -1.7743, 9.1217

# Trichromacy



## Original Color

25.9970, 14.7915, 15.7886

## Protanomaly

23.6090, 16.4618, -6.6731

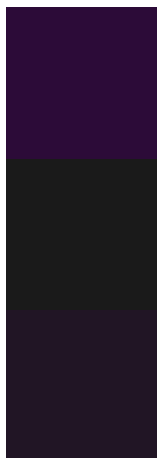
## Deuteranomaly

23.7400, 14.4252, -6.7880

## Tritanomaly

27.5160, 4.1826, 11.8255

# Monochromacy



## Original Color

25.9970, 14.7915, 15.7886

## Achromatopsia

26.0000, 0.0000, 0.0000

## Achromatomaly

26.4120, 5.2199, 5.7777

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 25.9970, 14.7915, 15.7886 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(44, 11, 56)` looks like.

```
.text, #text, p{  
    color:rgb(44, 11, 56)  
}
```

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(44, 11, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 11, 56) }
```

## Border

The CSS property to change the border of an element to YUV 25.9970, 14.7915, 15.7886 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(44, 11, 56) }
```



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

```
.border{ border-color:rgb(44, 11, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 11, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 11, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 11, 56);  
box-shadow:4px 4px 4px 4px rgb(44, 11, 56)  
}
```

# Background

The CSS property to change the background color of an element to YUV 25.9970, 14.7915, 15.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 11, 56) }
```

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

```
.background{ background-color: rgb(44, 11,  
56) }
```

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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