

Converting Colors

YUV(29.7910, 34.1200, 22.9853)

Have a look what the booklet for
YUV(29.7910, 34.1200, 22.9853)
contains.

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Color

**YUV(29.7910, 34.1200,
22.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	380363
RGB	56, 3, 99
RGB Percent	22%, 1%, 39%
CMY	0.7804, 0.9882, 0.6118
CMYK	0.43, 0.97, 0.00, 0.61
HSL	273°, 94%, 20%
HSV	273°, 97%, 39%
XYZ	3.9156, 1.8067, 11.9467
YIQ	29.7910, 0.7720, 41.0920

Conversions

Conversions Part 2

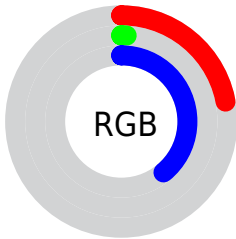
Format	Color
R_{YB}	56, 3, 99
Decimal	3670883
CIE _{Lab}	14.44, 41.49, -43.27
CIE _{LCh}	14, 59.942, 313.796
Yxy	1.8067, 0.2216, 0.1023
Android (android.graphics.Color)	4281860963 (0xFF380363)
YUV	29.7910, 34.1200, 22.9853
Hunter-Lab	13.4415, 28.4756, -43.2878

Details

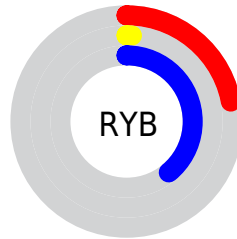
The YUV color **29.7910, 34.1200, 22.9853** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **72.2090, -34.1200, -22.9853**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7910, 34.1200, 22.9853**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **27.7310, 35.1356, 23.9149**, and if you desaturate by 10%, it is **36.8570, 30.6365, 20.2964**.

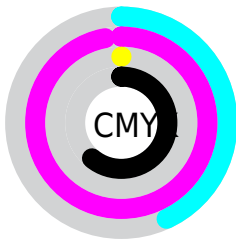
Distribution



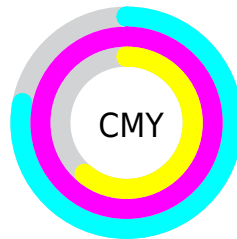
- Red (22%)
- Green (1%)
- Blue (39%)



- Red (22%)
- Yellow (1%)
- Blue (39%)



- Cyan (43%)
- Magenta (97%)
- Yellow (0%)
- Black (61%)



- Cyan (78%)
- Magenta (99%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.7910, 34.1200, 22.9853 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 29.7910, 34.1200, 22.9853 by changing the saturation by 10% instead.

■ 29.7910, 34.1200,
22.9853

■ 29.7910, 34.1200,
22.9853

■ 247.3690, 3.7621,
6.6924

■ 17.5200, 28.3376,
10.9450

■ 81.7910, 34.1200,
22.9853

■ 5.8140, 22.2767,
-5.0989

■ 107.6170, 34.6988,
24.0149

■ 4.4800, 12.0884,
-3.9290

■ 133.8560, 35.5670,
25.5593


■ 0.0000, 0.0000,
0.0000


■ 160.6820, 36.1458,
26.5889


■ 187.5960, 33.2302,
28.4183


■ 212.7030, 20.8524,


31.8325


 230.9330, 11.8650,
21.1068


 29.7910, 34.1200,
22.9853


 29.7910, 34.1200,
22.9853


 27.7310, 35.1356,
23.9149

 36.8570, 30.6365,
20.2964

 44.2220, 27.0056,
18.2223

 51.2880, 23.5220,
15.5334

 58.6530, 19.8911,
13.4593

 65.7190, 16.4075,
10.7704

■ 72.4970, 13.0660,
9.2111

■ 79.5630, 9.5824,
6.5222

■ 86.6290, 6.0989,
3.8334

■ 93.9940, 2.4680,
1.7593

Harmonies

Analogous

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



35.5130, 42.1451, -31.1449



29.7910, 34.1200, 22.9853



35.3590, 12.6410, 52.3052

Triad

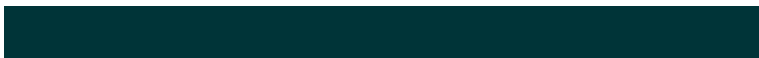
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.7910, 34.1200, 22.9853



34.3980, -16.9582, 25.9610



36.9080, 9.4124, -32.3683

Complementary

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



29.7910, 34.1200, 22.9853



72.2090, -34.1200, -22.9853

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.



30.8490, -11.2646, -27.0546



29.7910, 34.1200, 22.9853



32.4390, -15.9924, -3.8930

Square

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



29.7910, 34.1200, 22.9853



26.9100, -13.2666, 55.3299



27.5890, -13.6014, -24.1956



41.4680, 26.8843, -36.3674

Rectangle

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



29.7910, 34.1200, 22.9853



34.6730, -0.3318, 59.9228



27.5890, -13.6014, -24.1956



35.1980, 2.8604, -30.8686

Sweetspot

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



29.7910, 34.1200, 22.9853



101.1980, 13.2134, 8.5964



39.1850, 29.4888, -31.7342



47.5090, 8.1301, 5.6926



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



29.7910, 34.1200, 22.9853



35.5220, 45.5917, 30.2372



42.0780, 25.5975, 49.9206



45.0540, 1.4524, 0.8296



31.3060, 39.7821, 26.9186



66.8280, 85.3738, 57.1558

Inverse Universe

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



36.6060, 4.6312, 54.7195



44.7700, 6.0294, 72.9927



59.9220, -25.5975, -49.9206



45.4240, 0.2840, 2.2592



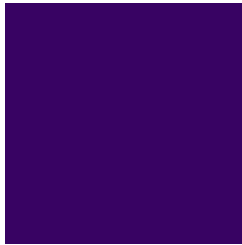
39.1880, 5.3303, 63.8561



83.9580, 11.3597, 136.8488

Previews

White Background



This preview shows how the YUV color 29.7910, 34.1200, 22.9853 looks on a white background.

Color Contrast Check

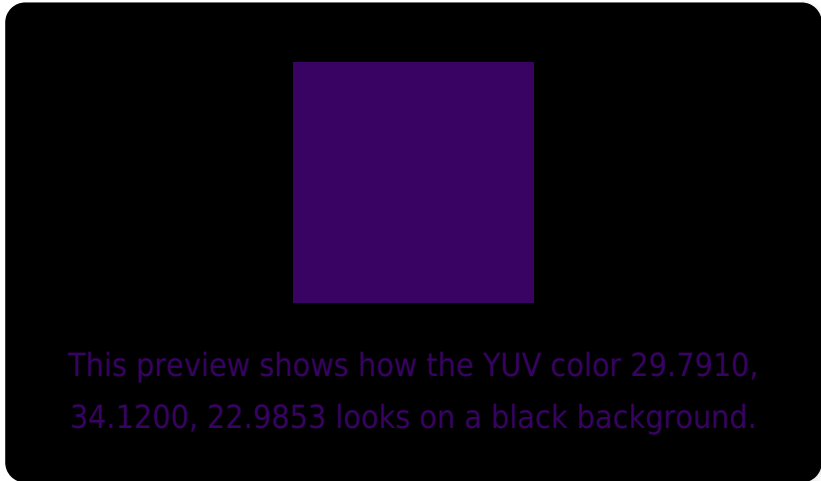
Large Text (above 18pt) WCAG AA ✓ Pass

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

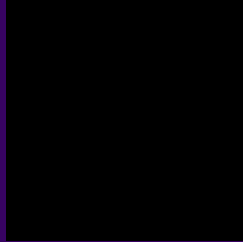
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.7910, 34.1200, 22.9853

Background



This preview shows how black text looks on a background with the YUV color 29.7910, 34.1200, 22.9853.



This preview shows how white text looks on a background with the YUV color 29.7910, 34.1200,

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

29.7910, 34.1200, 22.9853

Protanopia

32.1270, 24.0944, -28.1754

Deuteranopia

32.0470, 18.7108, -28.1052



Tritanopia

40.5380, 0.7208, 2.1592

Trichromacy



Original Color

29.7910, 34.1200, 22.9853

Protanomaly

31.2740, 27.9659, -9.8873

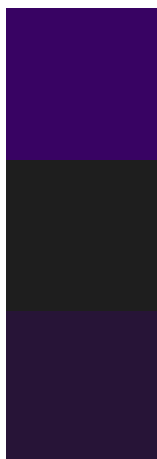
Deuteranomaly

31.0630, 24.6189, -9.7023

Tritanomaly

36.7960, 12.9186, 9.8259

Monochromacy



Original Color

29.7910, 34.1200, 22.9853

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.6710, 12.4872, 8.1815

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.7910, 34.1200, 22.9853 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(56, 3, 99)` looks like.

```
.text, #text, p{  
    color:rgb(56, 3, 99)  
}
```

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(56, 3, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 3, 99) }
```

Border

The CSS property to change the border of an element to YUV 29.7910, 34.1200, 22.9853 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(56, 3, 99) }
```


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

```
.border{ border-color:rgb(56, 3, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 3, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 3, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 3, 99); box-shadow:4px  
4px 4px 4px rgb(56, 3, 99) }
```

Background

The CSS property to change the background color of an element to YUV 29.7910, 34.1200, 22.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 3, 99) }
```

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

```
.background{ background-color: rgb(56, 3,  
99) }
```

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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