

# Converting Colors

YUV(29.3490, 21.0269, 22.4959)

Have a look what the booklet for  
YUV(29.3490, 21.0269, 22.4959)  
contains.

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# Color

**YUV(29.3490, 21.0269,  
22.4959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	370848
RGB	55, 8, 72
RGB Percent	22%, 3%, 28%
CMY	0.7843, 0.9686, 0.7176
CMYK	0.24, 0.89, 0.00, 0.72
HSL	284°, 80%, 16%
HSV	284°, 89%, 28%
XYZ	2.8321, 1.4538, 6.2622
YIQ	29.3490, 7.4680, 29.8680

# Conversions

## Conversions Part 2

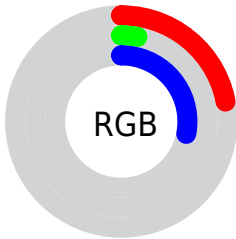
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 8, 72
Decimal	3606600
CIE <sub>Lab</sub>	12.31, 32.98, -28.39
CIE <sub>LCh</sub>	12, 43.515, 319.278
Yxy	1.4538, 0.2685, 0.1378
Android (android.graphics.Color)	4281796680 (0xFF370848)
YUV	29.3490, 21.0269, 22.4959
Hunter-Lab	12.0572, 20.8270, -22.3537




# Details

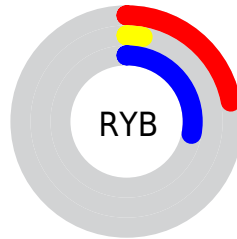
The YUV color **29.3490, 21.0269, 22.4959** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.6510, -21.0269, -22.4959**, and the grayscale version is **29.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **78.0610, 21.1689, 23.6255**, and **3.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **24.6420, 23.3475, 24.8700**, and if you desaturate by 10%, it is **34.0560, 18.7064, 20.1219**.

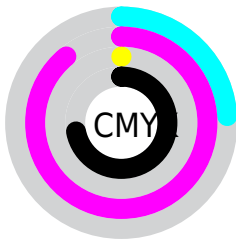
# Distribution







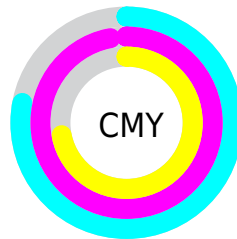
-  Red (22%)
-  Green (3%)
-  Blue (28%)






-  Red (22%)
-  Yellow (3%)
-  Blue (28%)



-  Cyan (24%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (78%)
-  Magenta (97%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 29.3490, 21.0269, 22.4959 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 29.3490, 21.0269, 22.4959 by changing the saturation by 10% instead.



■ 29.3490, 21.0269,  
22.4959

■ 29.3490, 21.0269,  
22.4959

■ 246.7820, 4.0515,  
7.2072

■ 15.7520, 16.3913,  
16.0035

■ 78.0610, 21.1689,  
23.6255

■ 3.6650, 11.5042,  
-3.2142

■ 102.8870, 21.7477,  
24.6551

■ 0.0000, 0.0000,  
0.0000


■ 128.4140, 22.4739,  
25.0699


■ 155.1260, 22.6159,  
26.1995


■ 182.6530, 23.3421,  
26.6143


■ 210.0230, 22.1737,


28.0438


 230.3460, 12.1544,  
21.6216


 29.3490, 21.0269,  
22.4959


 29.3490, 21.0269,  
22.4959


 24.6420, 23.3475,  
24.8700


 34.0560, 18.7064,  
20.1219

 24.0550, 23.6369,  
25.3848

 38.7630, 16.3858,  
17.7478

 44.0570, 13.7759,  
14.8590

 48.7640, 11.4553,  
12.4850

 53.4710, 9.1348,  
10.1109

■ 57.8790, 6.9617,  
7.1221

■ 62.5860, 4.6411,  
4.7481

■ 67.8800, 2.0312,  
1.8592

■ 72.5870, -0.2894,  
-0.5148

# Harmonies

## Analogous

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



27.8700, 30.6301, -24.4420



29.3490, 21.0269, 22.4959



28.3380, 7.7214, 43.5536

# Triad

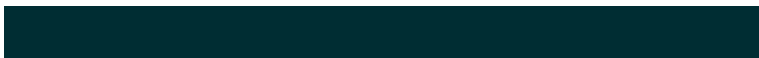
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.3490, 21.0269, 22.4959



30.7990, -15.1839, 16.8393



32.2290, 9.2541, -28.2648

# Complementary

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



29.3490, 21.0269, 22.4959



50.6510, -21.0269, -22.4959

# 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.



28.1080, -3.9972, -24.6507



29.3490, 21.0269, 22.4959



28.5960, -14.0978, -4.9077

# Square

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



29.3490, 21.0269, 22.4959



25.0390, -12.3442, 39.4308



24.0670, -11.8650, -21.1068



34.1330, 21.6264, -29.9346



# Rectangle

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



29.3490, 21.0269, 22.4959



27.3680, -1.1674, 47.9123



24.0670, -11.8650, -21.1068



31.0890, 4.8861, -27.2651

# Sweetspot

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



29.3490, 21.0269, 22.4959



77.5310, 8.1192, 9.1813



25.2750, 23.0354, -15.1502



37.9990, 4.9305, 5.2629



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



29.3490, 21.0269, 22.4959



31.3470, 30.8879, 33.0217



32.7220, 11.9691, 34.4468



33.3530, 1.3050, 1.4444



33.1130, 32.4823, 34.9809



75.8110, 74.5362, 79.9728



# Inverse Universe

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



29.0740, -2.0085, 37.6461



30.9560, -2.9363, 55.2896



47.2780, -11.9691, -34.4468



33.3100, -0.1528, 2.3591



32.5650, -3.2365, 58.2635

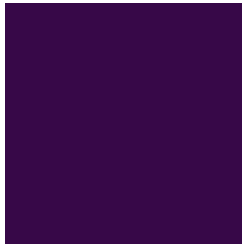


74.7130, -7.2535, 133.5557



# Previews

## White Background



This preview shows how the YUV color 29.3490, 21.0269, 22.4959 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

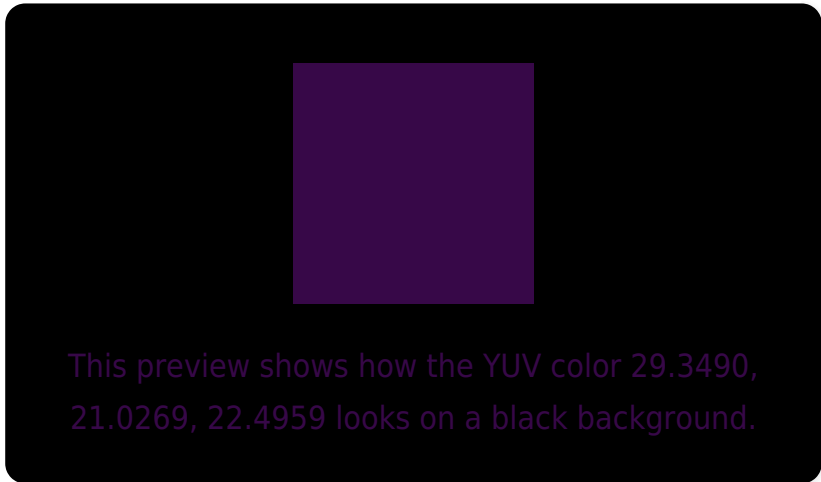
Any Text WCAG AA ✓ Pass

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

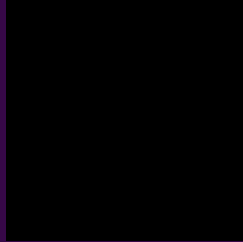
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 29.3490, 21.0269, 22.4959

## Background



This preview shows how black text looks on a background with the YUV color 29.3490, 21.0269, 22.4959.



This preview shows how white text looks on a background with the YUV color 29.3490, 21.0269,



# 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

29.3490, 21.0269, 22.4959

### Protanopia

28.0520, 21.1734, -24.6016

### Deuteranopia

27.6130, 16.9528, -24.2166



## Tritanopia

35.2080, -2.0745, 12.0956

# Trichromacy



## Original Color

29.3490, 21.0269, 22.4959

## Protanomaly

28.7490, 20.8297, -7.6729

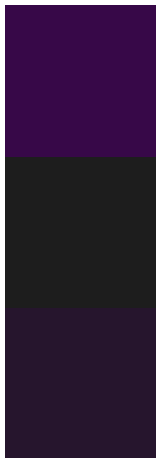
## Deuteranomaly

28.1790, 18.6458, -7.1730

## Tritanomaly

32.8200, 6.4977, 15.9439

# Monochromacy



## Original Color

29.3490, 21.0269, 22.4959

## Achromatopsia

29.0000, 0.0000, 0.0000

## Achromatomaly

28.8190, 7.9772, 8.0517

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 29.3490, 21.0269, 22.4959 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(55, 8, 72)` looks like.

```
.text, #text, p{  
    color:rgb(55, 8, 72)  
}
```

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(55, 8, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 8, 72) }
```

## Border

The CSS property to change the border of an element to YUV 29.3490, 21.0269, 22.4959 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(55, 8, 72) }
```



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

```
.border{ border-color:rgb(55, 8, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 8, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 8, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 8, 72); box-shadow:4px  
4px 4px 4px rgb(55, 8, 72) }
```

# Background

The CSS property to change the background color of an element to YUV 29.3490, 21.0269, 22.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 8, 72) }
```

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

```
.background{ background-color: rgb(55, 8,  
72) }
```

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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