

Converting Colors

YUV(34.2570, 24.0303, 39.2396)

Have a look what the booklet for
YUV(34.2570, 24.0303, 39.2396)
contains.

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Color

**YUV(34.2570, 24.0303,
39.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0253
RGB	79, 2, 83
RGB Percent	31%, 1%, 33%
CMY	0.6902, 0.9922, 0.6745
CMYK	0.05, 0.98, 0.00, 0.67
HSL	297°, 95%, 17%
HSV	297°, 98%, 33%
XYZ	4.8075, 2.3302, 8.3800
YIQ	34.2570, 19.8910, 41.5150

Conversions

Conversions Part 2

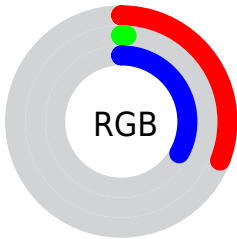
Format	Color
R_{YB}	79, 2, 83
Decimal	5177939
CIE _{Lab}	17.13, 42.10, -27.95
CIE _{LCh}	17, 50.530, 326.421
Yxy	2.3302, 0.3098, 0.1502
Android (android.graphics.Color)	4283368019 (0xFF4F0253)
YUV	34.2570, 24.0303, 39.2396
Hunter-Lab	15.2650, 29.5020, -21.8627

Details

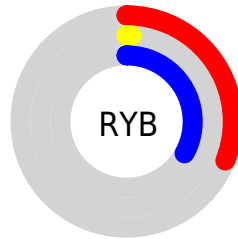
The YUV color **34.2570, 24.0303, 39.2396** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **50.7430, -24.0303, -39.2396**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9640, 21.7097, 36.8656**, and **13.9000, 11.8813, 15.8737** is the 20% darker color. If you saturate the color by 10%, you get **33.0830, 24.6091, 40.2692**, and if you desaturate by 10%, it is **38.9530, 21.7152, 35.1212**.

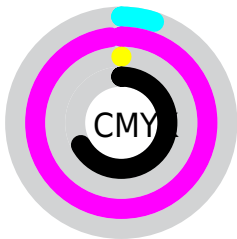
Distribution



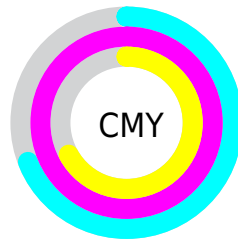
- Red (31%)
- Green (1%)
- Blue (33%)



- Red (31%)
- Yellow (1%)
- Blue (33%)



- Cyan (5%)
- Magenta (98%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (99%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.2570, 24.0303, 39.2396 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 34.2570, 24.0303, 39.2396 by changing the saturation by 10% instead.


 34.2570, 24.0303,
39.2396

 34.2570, 24.0303,
39.2396


 250.8910, 2.0257,
3.6036


 22.9860, 18.2479,
27.1993

 88.9640, 21.7097,
36.8656


 13.9000, 11.8813,
15.8737


 114.6760, 21.8517,
37.9951

 2.1830, 5.8258,
-1.9145

 141.5020, 22.4305,
39.0247


 0.0000, 0.0000,
0.0000

 168.2140, 22.5725,
40.1543

 196.0400, 23.1513,
41.1839


 217.4320, 18.5210,


32.9471


 233.8680, 10.4181,
18.5328


 34.2570, 24.0303,
39.2396


 34.2570, 24.0303,
39.2396


 33.0830, 24.6091,
40.2692

 38.9530, 21.7152,
35.1212

 44.5350, 18.9632,
31.1028

 49.2310, 16.6481,
26.9844

 54.2260, 14.1856,
23.4808

 59.5090, 11.5811,
18.8476

■ 64.2050, 9.2659,
14.7292

■ 69.2000, 6.8034,
11.2256

■ 73.8960, 4.4883,
7.1072

■ 79.4780, 1.7363,
3.0888

Harmonies

Analogous

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



35.6620, 36.1556, -23.3826



34.2570, 24.0303, 39.2396



35.3720, 6.2256, 56.6788

Triad

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



34.2570, 24.0303, 39.2396



40.5230, -19.9778, 14.4503



41.3080, 16.1172, -36.2271

Complementary

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



34.2570, 24.0303, 39.2396



50.7430, -24.0303, -39.2396

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.



37.0900, -0.0444, -32.5279



34.2570, 24.0303, 39.2396



34.7430, -17.1283, -12.9296

Square

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



34.2570, 24.0303, 39.2396



36.5570, -18.0226, 40.7305



31.6980, -15.6271, -27.7991



44.0270, 29.0737, -38.6117

Rectangle

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



34.2570, 24.0303, 39.2396



33.0490, -3.9682, 59.5930



31.6980, -15.6271, -27.7991



39.9400, 10.8756, -35.0274

Sweetspot

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



34.2570, 24.0303, 39.2396



88.5040, 9.1185, 15.3440



13.5820, 34.2231, -10.1574



42.5480, 5.6458, 9.1664



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



34.2570, 24.0303, 39.2396



42.6960, 31.7019, 52.0096



31.3490, 7.7159, 45.2979



38.6520, 1.1576, 2.0592



41.5710, 31.2705, 50.3652



92.5270, 68.7602, 112.6708

Inverse Universe

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



26.6750, -10.1928, 49.3970



32.5630, -13.5886, 65.2812



53.6510, -7.7159, -45.2979



38.1960, -0.5896, 2.4591



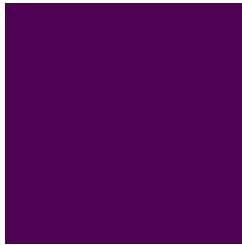
31.9650, -13.2937, 64.0517



70.6220, -29.3936, 141.5285

Previews

White Background



This preview shows how the YUV color 34.2570, 24.0303, 39.2396 looks on a white background.

Color Contrast Check

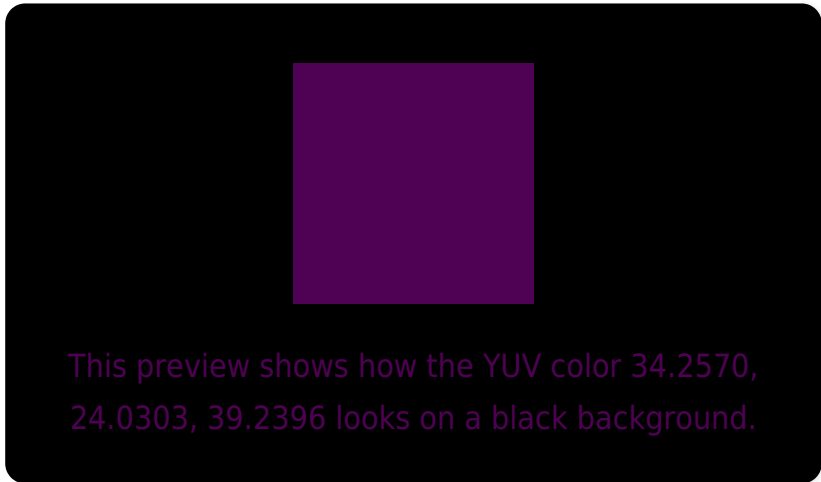
Large Text (above 18pt) WCAG AA ✓ Pass

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

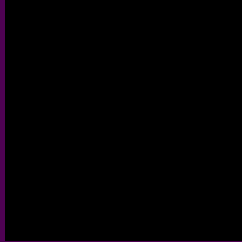
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2570, 24.0303, 39.2396

Background



This preview shows how black text looks on a background with the YUV color 34.2570, 24.0303, 39.2396.



This preview shows how white text looks on a background with the YUV color 34.2570, 24.0303,

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

34.2570, 24.0303, 39.2396

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

42.4720, 17.5153, -17.9539



Tritanopia

45.1880, -5.0227, 24.3911

Trichromacy



Original Color

34.2570, 24.0303, 39.2396

Protanomaly

35.9540, 26.6447, -6.0987

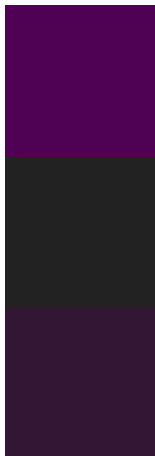
Deuteranomaly

39.5870, 19.9236, 2.9932

Tritanomaly

41.2670, 5.2914, 29.5838

Monochromacy



Original Color

34.2570, 24.0303, 39.2396

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7920, 8.9765, 14.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2570, 24.0303, 39.2396 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(79, 2, 83)` looks like.

```
.text, #text, p{  
    color:rgb(79, 2, 83)  
}
```

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(79, 2, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 2, 83) }
```

Border

The CSS property to change the border of an element to YUV 34.2570, 24.0303, 39.2396 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(79, 2, 83) }
```


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

```
.border{ border-color:rgb(79, 2, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 2, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 2, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 2, 83); box-shadow:4px  
4px 4px 4px rgb(79, 2, 83) }
```

Background

The CSS property to change the background color of an element to YUV 34.2570, 24.0303, 39.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 2, 83) }
```

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

```
.background{ background-color: rgb(79, 2,  
83) }
```

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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