

Converting Colors

YUV(34.7880, 8.4855, 31.7579)

Have a look what the booklet for
YUV(34.7880, 8.4855, 31.7579)
contains.

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Color

**YUV(34.7880, 8.4855,
31.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	470D34
RGB	71, 13, 52
RGB Percent	28%, 5%, 20%
CMY	0.7216, 0.9490, 0.7961
CMYK	0.00, 0.82, 0.27, 0.72
HSL	320°, 69%, 16%
HSV	320°, 82%, 28%
XYZ	3.3623, 1.8754, 3.4336
YIQ	34.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

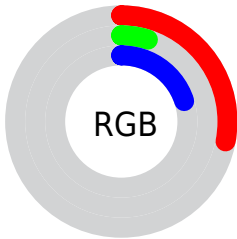
Format	Color
R_{YB}	71, 13, 52
Decimal	4656436
CIE Lab	14.82, 31.29, -10.05
CIE LCh	15, 32.868, 342.195
Yxy	1.8754, 0.3878, 0.2163
Android (android.graphics.Color)	4282846516 (0xFF470D34)
YUV	34.7880, 8.4855, 31.7579
Hunter-Lab	13.6944, 19.8605, -5.2796




Details

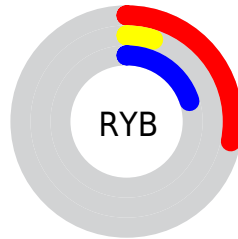
The YUV color **34.7880, 8.4855, 31.7579** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.2120, -8.4855, -31.7579**, and the grayscale version is **35.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **83.5710, 7.6065, 33.7022**, and **6.0230, -1.4903, 11.3808** is the 20% darker color. If you saturate the color by 10%, you get **30.4510, 9.6377, 35.5615**, and if you desaturate by 10%, it is **39.1250, 7.3334, 27.9544**.

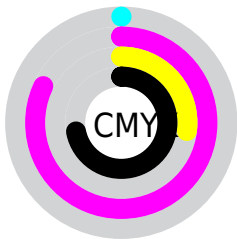
Distribution







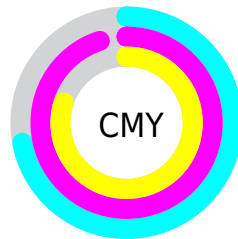
-  Red (28%)
-  Green (5%)
-  Blue (20%)






-  Red (28%)
-  Yellow (5%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (27%)
-  Black (72%)





-  Cyan (72%)
-  Magenta (95%)
-  Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the YUV color 34.7880, 8.4855, 31.7579 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 34.7880, 8.4855, 31.7579 by changing the saturation by 10% instead.


 34.7880, 8.4855,
31.7579

 34.7880, 8.4855,
31.7579

 250.8910, 2.0257,
3.6036


 17.5870, 6.6126,
25.7952


 83.5710, 7.6065,
33.7022


 6.0230, -1.4903,
11.3808

 108.7560, 7.0223,
34.4170

 0.0000, 0.0000,
0.0000


 134.7670, 7.0169,
36.1613


 161.4790, 7.1589,
37.2909


 188.7780, 7.0114,
37.9057


 214.8100, 8.4747,


35.2466


 233.8680, 10.4181,
18.5328

 34.7880, 8.4855,
31.7579


 34.7880, 8.4855,
31.7579

 30.4510, 9.6377,
35.5615

 39.1250, 7.3334,
27.9544

 26.7010, 10.5004,
38.8502

 43.5760, 6.6180,
24.0508

 47.9130, 5.4659,
20.2473

 52.2500, 4.3137,
16.4438

 57.2880, 3.3090,
12.0254

■ 61.6250, 2.1569,
8.2219

■ 65.9620, 1.0047,
4.4183

■ 70.4130, 0.2894,
0.5148

■ 74.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



38.1210, 16.7023, 9.5409



34.7880, 8.4855, 31.7579



31.6120, -1.2877, 39.8053

Triad

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



34.7880, 8.4855, 31.7579



34.5540, -17.0351, 3.8991



35.3410, 16.1009, -30.9941

Complementary

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



34.7880, 8.4855, 31.7579



49.2120, -8.4855, -31.7579

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.



32.8330, 6.4913, -28.7945



34.7880, 8.4855, 31.7579



30.0140, -14.7969, -14.0443

Square

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



34.7880, 8.4855, 31.7579



35.8380, -17.6681, 20.3131



30.0970, -3.9918, -26.3951



35.1760, 23.0842, -30.8494

Rectangle

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



34.7880, 8.4855, 31.7579



32.7120, -9.7180, 37.0866



30.0970, -3.9918, -26.3951



34.5430, 13.0433, -30.2942

Sweetspot

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



34.7880, 8.4855, 31.7579



77.5870, 3.1616, 12.6402



24.9940, 22.6810, 5.2673



37.2120, 1.8675, 7.7071



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



34.7880, 8.4855, 31.7579



35.7500, 12.9413, 49.3312



31.5960, -3.7448, 34.5573



33.5380, 0.7208, 2.1592



37.2390, 14.6722, 54.1644



85.3150, 33.3687, 124.2577

Inverse Universe

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



34.7880, 8.4855, 31.7579



35.7500, 12.9413, 49.3312



52.4040, 3.7448, -34.5573



33.5380, 0.7208, 2.1592



37.2390, 14.6722, 54.1644



85.3150, 33.3687, 124.2577

Previews

White Background



This preview shows how the YUV color 34.7880, 8.4855, 31.7579 looks on a white background.

Color Contrast Check

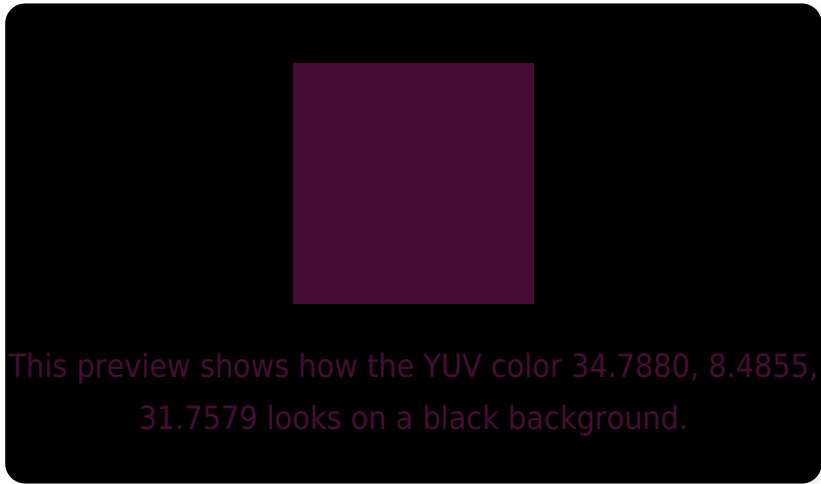
Large Text (above 18pt) WCAG AA ✓ Pass

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

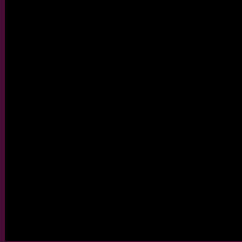
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7880, 8.4855, 31.7579

Background



This preview shows how black text looks on a background with the YUV color 34.7880, 8.4855, 31.7579.



This preview shows how white text looks on a background with the YUV color 34.7880, 8.4855,

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

34.7880, 8.4855, 31.7579

Protanopia

37.5760, 16.4780, -11.9062

Deuteranopia

40.1400, 4.3680, -0.9998



Tritanopia

36.8680, -6.3439, 28.1798

Trichromacy



Original Color

34.7880, 8.4855, 31.7579

Protanomaly

36.5780, 13.5190, 3.8781

Deuteranomaly

38.5590, 5.6404, 10.9108

Tritanomaly

35.9590, -0.9658, 29.8540

Monochromacy



Original Color

34.7880, 8.4855, 31.7579

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8750, 3.0196, 11.5106

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7880, 8.4855, 31.7579 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(71, 13, 52)` looks like.

```
.text, #text, p{  
    color:rgb(71, 13, 52)  
}
```

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(71, 13, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 13, 52) }
```

Border

The CSS property to change the border of an element to YUV 34.7880, 8.4855, 31.7579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

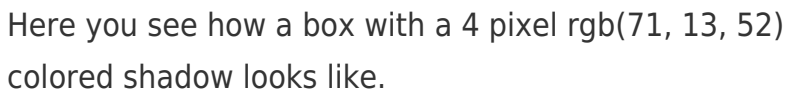
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 13, 52) }
```


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

```
.border{ border-color:rgb(71, 13, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 13, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 13, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 13, 52);  
box-shadow:4px 4px 4px 4px rgb(71, 13, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.7880, 8.4855, 31.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 13, 52) }
```

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

```
.background{ background-color: rgb(71, 13,  
52) }
```

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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