

Converting Colors

YUV(34.8120, 2.0647, 37.8759)

Have a look what the booklet for
YUV(34.8120, 2.0647, 37.8759)
contains.

YUV(34.8120, 2.0647, 37.8759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(34.8120, 2.0647,
37.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0C27
RGB	78, 12, 39
RGB Percent	31%, 5%, 15%
CMY	0.6941, 0.9529, 0.8471
CMYK	0.00, 0.85, 0.50, 0.69
HSL	335°, 73%, 18%
HSV	335°, 85%, 31%
XYZ	3.6396, 2.0291, 2.1193
YIQ	34.8120, 30.6690, 22.3890

Conversions

Conversions Part 2

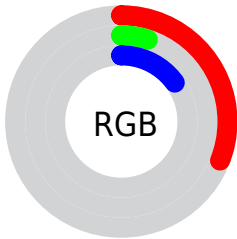
Format	Color
RYB	78, 12, 39
Decimal	5114919
CIELab	15.64, 32.15, 0.75
CIElCh	16, 32.161, 1.339
Yxy	2.0291, 0.4673, 0.2605
Android (android.graphics.Color)	4283304999 (0xFF4E0C27)
YUV	34.8120, 2.0647, 37.8759
Hunter-Lab	14.2447, 20.6788, 1.1503

Details

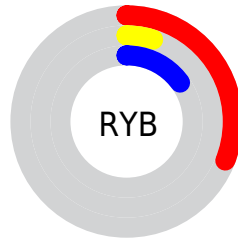
The YUV color **34.8120, 2.0647, 37.8759** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **55.1880, -2.0647, -37.8759**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8400, -0.4141, 39.6053**, and **7.8880, -3.3958, 15.8842** is the 20% darker color. If you saturate the color by 10%, you get **29.5460, 2.1958, 42.4942**, and if you desaturate by 10%, it is **40.0780, 1.9335, 33.2576**.

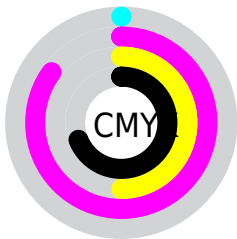
Distribution



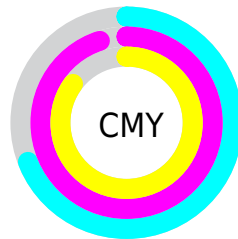
- Red (31%)
- Green (5%)
- Blue (15%)



- Red (31%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (85%)
- Yellow (50%)
- Black (69%)



- Cyan (69%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.8120, 2.0647, 37.8759 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 34.8120, 2.0647, 37.8759 by changing the saturation by 10% instead.

■ 34.8120, 2.0647,
37.8759

■ 34.8120, 2.0647,
37.8759

■ 251.4780, 1.7363,
3.0888

■ 17.8990, 0.0498,
30.7836

■ 84.8400, -0.4141,
39.6053

■ 7.8880, -3.3958,
15.8842

■ 110.0360, -1.0037,
42.0644

■ 0.0000, 0.0000,
0.0000


■ 135.9330, -1.4460,
43.9088

■ 162.5310, -1.7408,
45.1383

■ 190.1290, -2.0356,
46.3679

■ 213.3450, 0.3229,

36.5314

 232.9730, 4.4503,
19.3177

 34.8120, 2.0647,
37.8759

 34.8120, 2.0647,
37.8759


 29.5460, 2.1958,
42.4942


 40.0780, 1.9335,
33.2576

 26.9700, 2.4798,
44.7533

 45.2300, 1.3656,
28.7393

 49.9090, 1.5239,
24.6358

 55.0610, 0.9559,
20.1175

 60.3270, 0.8248,
15.4992

■ 65.5930, 0.6937,
10.8809

■ 70.7450, 0.1257,
6.3626

■ 75.4240, 0.2840,
2.2592

■ 80.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



38.7270, 10.9806, 24.7954



34.8120, 2.0647, 37.8759



35.4130, -9.5706, 36.4718

Triad

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



34.8120, 2.0647, 37.8759



33.9010, -16.7132, -6.0522



36.5950, 20.9057, -32.0938

Complementary

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



34.8120, 2.0647, 37.8759



55.1880, -2.0647, -37.8759

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.



35.8310, 12.9013, -31.4238



34.8120, 2.0647, 37.8759



29.8860, -7.3388, -26.2100

Square

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



34.8120, 2.0647, 37.8759



36.9570, -18.2198, 10.5617



33.2090, 2.8550, -29.1243



34.3440, 24.9734, -30.1197

Rectangle

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



34.8120, 2.0647, 37.8759



35.9040, -17.7007, 30.7792



33.2090, 2.8550, -29.1243



36.6120, 18.4323, -32.1087

Sweetspot

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



34.8120, 2.0647, 37.8759



85.6150, 0.6828, 14.3696



30.8860, 23.2272, 16.7630



41.1690, 0.4097, 8.6218



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



34.8120, 2.0647, 37.8759



35.2860, 3.3100, 58.5082



35.2560, -11.4652, 37.4865



35.4240, 0.2840, 2.2592



79.4860, 7.1554, 132.0008

Inverse Universe

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



34.8120, 2.0647, 37.8759



35.2860, 3.3100, 58.5082



55.3310, 11.1758, -38.0013



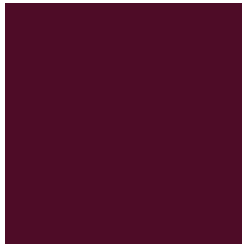
35.4240, 0.2840, 2.2592



79.4860, 7.1554, 132.0008

Previews

White Background



This preview shows how the YUV color 34.8120, 2.0647, 37.8759 looks on a white background.

Color Contrast Check

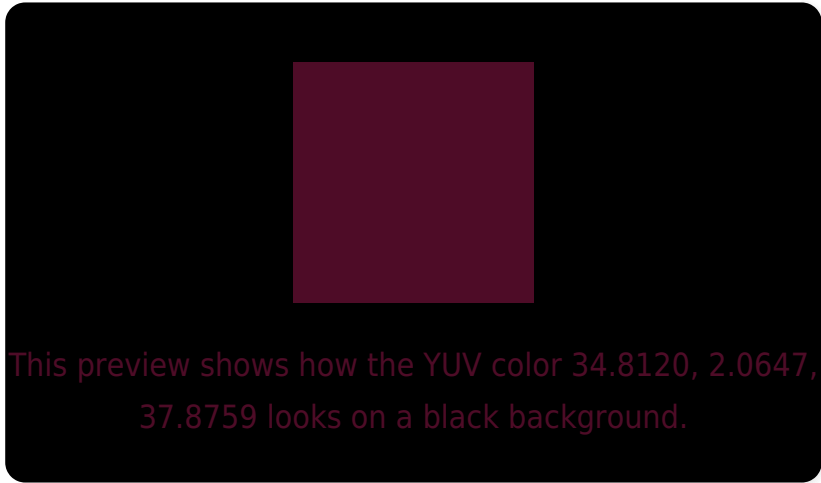
Large Text (above 18pt) WCAG AA ✓ Pass

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

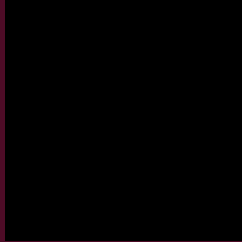
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.8120, 2.0647, 37.8759

Background



This preview shows how black text looks on a background with the YUV color 34.8120, 2.0647, 37.8759.



This preview shows how white text looks on a background with the YUV color 34.8120, 2.0647, 37.8759.

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

34.8120, 2.0647, 37.8759

Protanopia

41.5850, 6.1206, -3.1440

Deuteranopia

41.6370, -2.7790, 4.7034



Tritanopia

36.3420, -8.5496, 35.6571

Trichromacy



Original Color

34.8120, 2.0647, 37.8759

Protanomaly

39.0430, 4.9088, 12.2403

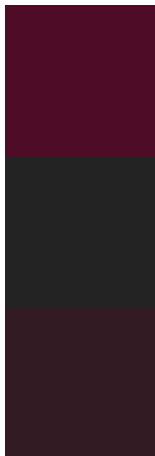
Deuteranomaly

39.1700, -1.0698, 16.5139

Tritanomaly

35.3790, -4.6238, 36.5016

Monochromacy



Original Color

34.8120, 2.0647, 37.8759

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2020, 0.3934, 13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.8120, 2.0647, 37.8759 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(78, 12, 39)` looks like.

```
.text, #text, p{  
    color:rgb(78, 12, 39)  
}
```

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(78, 12, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 12, 39) }
```

Border

The CSS property to change the border of an element to YUV 34.8120, 2.0647, 37.8759 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(78, 12, 39) }
```

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

```
.border{ border-color:rgb(78, 12, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 12, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 12, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 12, 39);  
box-shadow:4px 4px 4px 4px rgb(78, 12, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.8120, 2.0647, 37.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 12, 39) }
```

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

```
.background{ background-color: rgb(78, 12,  
39) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor