

Converting Colors

YUV(34.2500, 7.7648, 29.5987)

Have a look what the booklet for
YUV(34.2500, 7.7648, 29.5987)
contains.

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Color

**YUV(34.2500, 7.7648,
29.5987)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 440E32 |
| RGB | 68, 14, 50 |
| RGB Percent | 27%, 5%, 20% |
| CMY | 0.7333, 0.9451, 0.8039 |
| CMYK | 0.00, 0.79, 0.26, 0.73 |
| HSL | 320°, 66%, 16% |
| HSV | 320°, 79%, 27% |
| XYZ | 3.1167, 1.7733, 3.1956 |
| YIQ | 34.2500, 20.6280, 22.6440 |

Conversions

Conversions Part 2

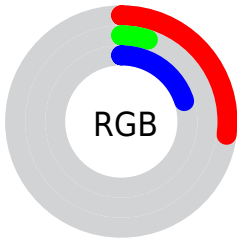
| Format | Color |
|-------------------------------------|---|
| RYB | 68, 14, 50 |
| Decimal | 4460082 |
| CIELab | 14.25, 29.65, -9.54 |
| CIELCh | 14, 31.147, 342.169 |
| Yxy | 1.7733, 0.3855, 0.2193 |
| Android (android.graphics.Color) | 4282650162 (0xFF440E32) |
| YUV | 34.2500, 7.7648, 29.5987 |
| Hunter-Lab | 13.3166, 18.4728, -4.9065 |

Details

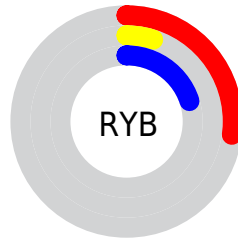
The YUV color **34.2500, 7.7648, 29.5987** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.7500, -7.7648, -29.5987**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6200, 6.5963, 31.0283**, and **3.5880, -1.7689, 7.3773** is the 20% darker color. If you saturate the color by 10%, you get **29.9130, 8.9169, 33.4023**, and if you desaturate by 10%, it is **38.5870, 6.6126, 25.7952**.

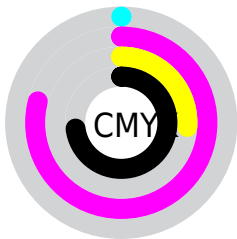
Distribution



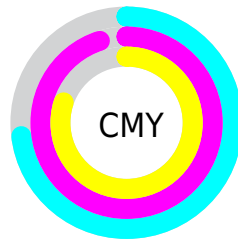
- Red (27%)
- Green (5%)
- Blue (20%)



- Red (27%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (26%)
- Black (73%)



- Cyan (73%)
- Magenta (95%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.2500, 7.7648, 29.5987 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 34.2500, 7.7648, 29.5987 by changing the saturation by 10% instead.


 34.2500, 7.7648,
29.5987


 34.2500, 7.7648,
29.5987

 250.8910, 2.0257,
3.6036

 16.7610, 6.0338,
24.7656


 82.6200, 6.5963,
31.0283

 3.5880, -1.7689,
7.3773

 107.6310, 6.5909,
32.7726

 0.0000, 0.0000,
0.0000

 133.3430, 6.7329,
33.9022

 159.9410, 6.4381,
35.1317

 186.7670, 7.0169,
36.1613


 214.4680, 7.1643,

35.5466


 233.8680, 10.4181,
18.5328


 34.2500, 7.7648,
29.5987

 34.2500, 7.7648,
29.5987

 29.9130, 8.9169,
33.4023


 38.5870, 6.6126,
25.7952

 25.4620, 9.6322,
37.3058

 43.0380, 5.8973,
21.8917

 46.7880, 5.0345,
18.6029

 51.1250, 3.8824,
14.7994

 55.4620, 2.7302,
10.9958

■ 59.9130, 2.0149,
7.0923

■ 64.2500, 0.8628,
3.2887

■ 68.0000, 0.0000,
0.0000

■ 72.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



37.4800, 15.5394, 9.2260



34.2500, 7.7648, 29.5987



31.1880, -1.5717, 37.5461

Triad

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



34.2500, 7.7648, 29.5987



33.6680, -16.5983, 3.7992



33.8250, 15.3693, -29.6645

Complementary

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



34.2500, 7.7648, 29.5987



47.7500, -7.7648, -29.5987

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.



32.1320, 6.3439, -28.1798



34.2500, 7.7648, 29.5987



28.8400, -14.2181, -13.0147

Square

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



34.2500, 7.7648, 29.5987



34.6530, -17.0839, 19.5983



28.9230, -3.4130, -25.3655



33.5460, 21.9158, -29.4198

Rectangle

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



34.2500, 7.7648, 29.5987



32.4020, -9.5652, 34.7274



28.9230, -3.4130, -25.3655



33.7280, 12.4591, -29.5795

Sweetspot

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



34.2500, 7.7648, 29.5987



75.8750, 3.0196, 11.5106



25.5380, 20.9338, 5.6672



37.7990, 1.5781, 7.1923



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.



34.2500, 7.7648, 29.5987



35.9130, 12.3679, 46.5573



31.1720, -4.0288, 32.2982



31.1250, 0.4314, 1.6444



36.4130, 14.0934, 53.1348



84.0760, 32.5005, 122.7133

Inverse Universe

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



34.2500, 7.7648, 29.5987



35.9130, 12.3679, 46.5573



50.8280, 4.0288, -32.2982



31.1250, 0.4314, 1.6444



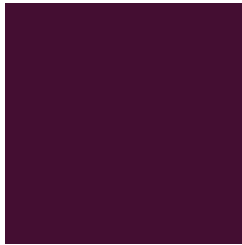
36.4130, 14.0934, 53.1348



84.0760, 32.5005, 122.7133

Previews

White Background



This preview shows how the YUV color 34.2500, 7.7648, 29.5987 looks on a white background.

Color Contrast Check

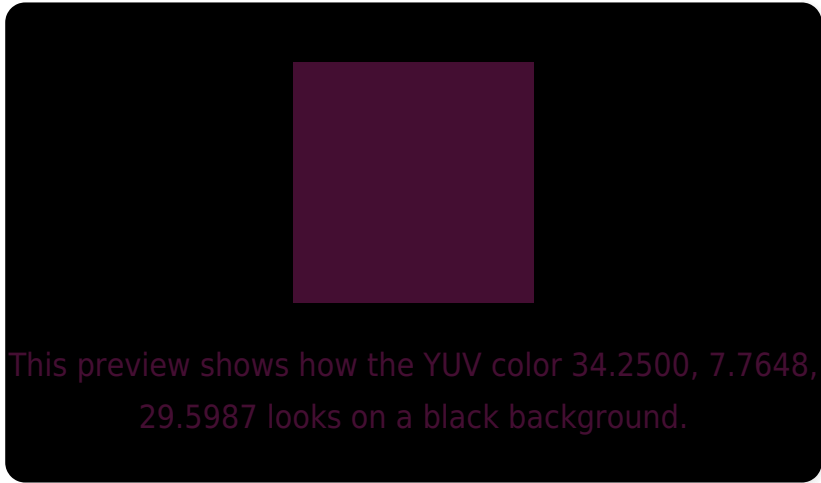
Large Text (above 18pt) WCAG AA ✓ Pass

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

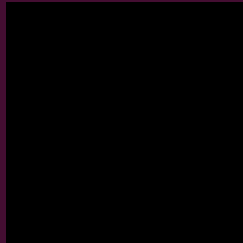
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.2500, 7.7648, 29.5987

Background



This preview shows how black text looks on a background with the YUV color 34.2500, 7.7648, 29.5987.



This preview shows how white text looks on a background with the YUV color 34.2500, 7.7648,

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

34.2500, 7.7648, 29.5987

Protanopia

36.5330, 15.0202, -10.9914

Deuteranopia

38.1400, 4.3680, -0.9998



Tritanopia

35.9710, -5.9017, 26.3354

Trichromacy



Original Color

34.2500, 7.7648, 29.5987

Protanomaly

35.9370, 12.3561, 3.5633

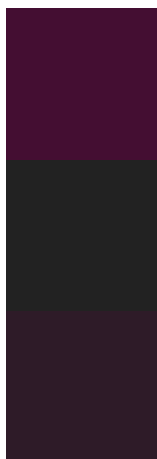
Deuteranomaly

36.8470, 5.4984, 9.7812

Tritanomaly

35.5350, -1.2498, 27.5948

Monochromacy



Original Color

34.2500, 7.7648, 29.5987

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2500, 7.7648, 29.5987 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(68, 14, 50)` looks like.

```
.text, #text, p{  
    color:rgb(68, 14, 50)  
}
```

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(68, 14, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 14, 50) }
```

Border

The CSS property to change the border of an element to YUV 34.2500, 7.7648, 29.5987 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(68, 14, 50) }
```


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

```
.border{ border-color:rgb(68, 14, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 14, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 14, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 14, 50);  
box-shadow:4px 4px 4px 4px rgb(68, 14, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.2500, 7.7648, 29.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 14, 50) }
```

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

```
.background{ background-color: rgb(68, 14,  
50) }
```

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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