

Converting Colors

YUV(33.9420, -15.2544,
39.5159)

Have a look what the booklet for
YUV(33.9420, -15.2544, 39.5159)
contains.

YUV(33.9420, -15.2544, 39.5159)	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(33.9420, -15.2544,
39.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1103
RGB	79, 17, 3
RGB Percent	31%, 7%, 1%
CMY	0.6902, 0.9333, 0.9882
CMYK	0.00, 0.78, 0.96, 0.69
HSL	11°, 93%, 16%
HSV	11°, 96%, 31%
XYZ	3.4413, 2.0697, 0.3043
YIQ	33.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

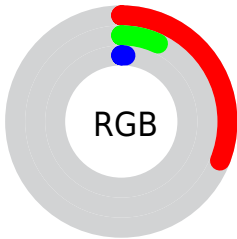
Format	Color
RYB	79, 20, 3
Decimal	5181699
CIELab	15.85, 28.13, 22.97
CIELCh	16, 36.320, 39.237
Yxy	2.0697, 0.5918, 0.3559
Android (android.graphics.Color)	4283371779 (0xFF4F1103)
YUV	33.9420, -15.2544, 39.5159
Hunter-Lab	14.3866, 17.5215, 8.8167

Details

The YUV color **33.9420, -15.2544, 39.5159** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **48.0580, 15.2544, -39.5159**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9210, -16.7231, 43.9193**, and **6.5780, -3.2430, 13.5251** is the 20% darker color. If you saturate the color by 10%, you get **32.4260, -15.9860, 40.8454**, and if you desaturate by 10%, it is **38.3760, -13.4964, 35.6272**.

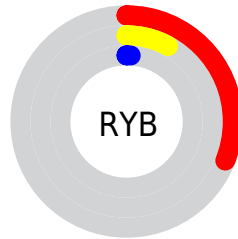
Distribution



Red (31%)

Green (7%)

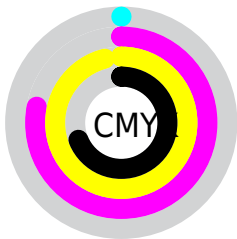
Blue (1%)



Red (31%)

Yellow (8%)

Blue (1%)

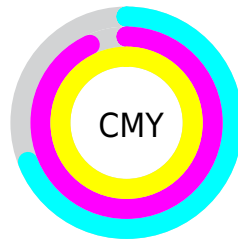


Cyan (0%)

Magenta (78%)

Yellow (96%)

Black (69%)



Cyan (69%)


Magenta (93%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 33.9420, -15.2544, 39.5159 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 33.9420, -15.2544, 39.5159 by changing the saturation by 10% instead.


 33.9420, -15.2544,
39.5159

 33.9420, -15.2544,
39.5159


 249.5740,
-10.6360, 4.7586


 15.8470, -7.8126,
32.5832


 82.9210, -16.7231,
43.9193


 6.5780, -3.2430,
13.5251

 108.5900,
-18.0389, 45.9636

 0.0000, 0.0000,
0.0000


 134.5580,
-19.5021, 48.6226


 161.3410,
-20.3811, 50.5669


 188.5370,
-20.9707, 53.0261


 209.8450,


-18.1646, 39.6009


 229.3590,
-14.4740, 22.4872


 33.9420, -15.2544,
39.5159


 33.9420, -15.2544,
39.5159


 32.4260, -15.9860,
40.8454

 38.3760, -13.4964,
35.6272

 43.3970, -12.0277,
31.2238

 47.8310, -10.2697,
27.3352

 52.8520, -8.8010,
22.9318

 57.2860, -7.0430,
19.0432

■ 62.1930, -6.0111,
14.7397

■ 66.6270, -4.2531,
10.8511

■ 71.6480, -2.7845,
6.4477

■ 76.0820, -1.0264,
2.5591

Harmonies

Analogous

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



31.2260, 0.8746, 46.2828



33.9420, -15.2544, 39.5159



37.3330, -18.4052, 23.3870

Triad

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



33.9420, -15.2544, 39.5159



31.0430, -5.4442, -27.2247



33.8540, 28.1730, -29.6900

Complementary

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



33.9420, -15.2544, 39.5159



48.0580, 15.2544, -39.5159

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.



37.6210, 24.8368, -32.9936



33.9420, -15.2544, 39.5159



34.7080, 6.0600, -30.4389

Square

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



33.9420, -15.2544, 39.5159



31.7860, -15.6705, -13.8443



37.5580, 16.9799, -32.9384



40.2070, 19.6179, 7.7115

Rectangle

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



33.9420, -15.2544, 39.5159



37.5550, -18.5146, 11.7913



37.5580, 16.9799, -32.9384



35.7290, 27.7416, -31.3343

Sweetspot

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



33.9420, -15.2544, 39.5159



84.4920, -6.1586, 15.3545



32.7920, 15.8785, 40.5244



40.1430, -3.5215, 9.5216



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.



33.9420, -15.2544, 39.5159



41.6510, -20.5339, 52.9261



56.2480, -26.2513, 19.9535



35.7830, -0.8790, 1.9443



93.4240, -46.0580, 119.7772

Inverse Universe

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



48.0580, 15.2544, -39.5159



60.3490, 20.5339, -52.9261



25.7520, 26.2513, -19.9535



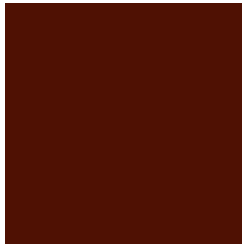
36.8040, 0.5896, -2.4591



135.9890, 46.3474, -119.2624

Previews

White Background



This preview shows how the YUV color 33.9420, -15.2544, 39.5159 looks on a white background.

Color Contrast Check

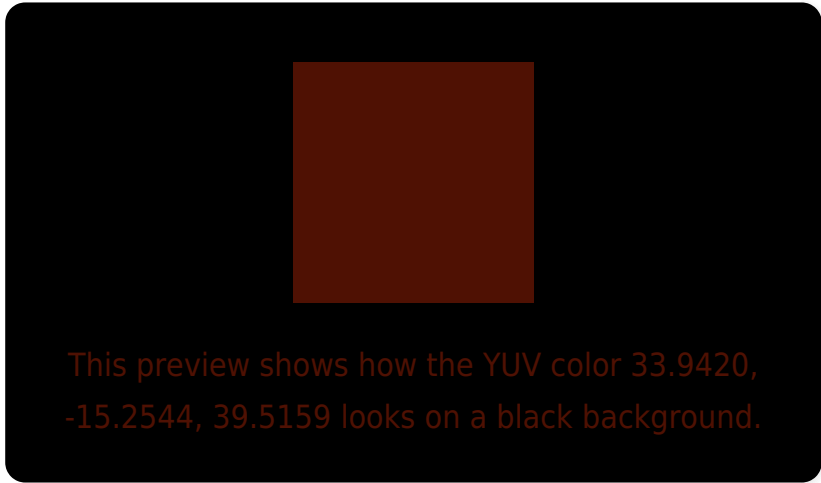
Large Text (above 18pt) WCAG AA ✓ Pass

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

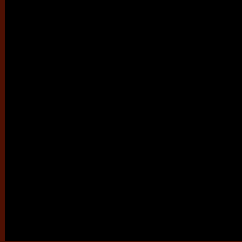
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9420, -15.2544, 39.5159

Background



This preview shows how black text looks on a background with the YUV color 33.9420, -15.2544, 39.5159.

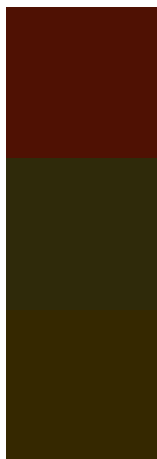


This preview shows how white text looks on a background with the YUV color 33.9420, -15.2544,

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

33.9420, -15.2544, 39.5159

Protanopia

39.8470, -14.7146, 6.2732

Deuteranopia

39.3270, -19.3882, 11.9912



Tritanopia

34.8370, -9.2866, 38.7310

Trichromacy



Original Color

33.9420, -15.2544, 39.5159

Protanomaly

37.8100, -15.1893, 18.5836

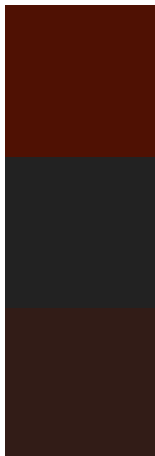
Deuteranomaly

37.4360, -17.9629, 21.5426

Tritanomaly

34.2670, -11.4706, 39.2308

Monochromacy



Original Color

33.9420, -15.2544, 39.5159

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9420, -15.2544, 39.5159 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, 17, 3)` looks like.

```
.text, #text, p{  
    color:rgb(79, 17, 3)  
}
```

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, 17, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 17, 3) }
```

Border

The CSS property to change the border of an element to YUV 33.9420, -15.2544, 39.5159 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, 17, 3) }
```

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

```
.border{ border-color:rgb(79, 17, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 17, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 17, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 17, 3); box-shadow:4px  
4px 4px 4px rgb(79, 17, 3) }
```

Background

The CSS property to change the background color of an element to YUV 33.9420, -15.2544, 39.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 17, 3) }
```

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

```
.background{ background-color: rgb(79, 17,  
3) }
```

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