

Converting Colors

YUV(31.3420, -8.5496, 35.6571)

Have a look what the booklet for
YUV(31.3420, -8.5496, 35.6571)
contains.

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Color

**YUV(31.3420, -8.5496,
35.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	480E0E
RGB	72, 14, 14
RGB Percent	28%, 5%, 5%
CMY	0.7176, 0.9451, 0.9451
CMYK	0.00, 0.81, 0.81, 0.72
HSL	0°, 67%, 17%
HSV	0°, 81%, 28%
XYZ	2.9088, 1.7235, 0.5948
YIQ	31.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

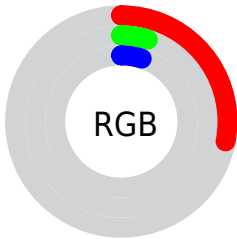
Format	Color
RYB	72, 14, 14
Decimal	4722190
CIELab	13.96, 27.24, 15.57
CIELCh	14, 31.377, 29.745
Yxy	1.7235, 0.5565, 0.3297
Android (android.graphics.Color)	4282912270 (0xFF480E0E)
YUV	31.3420, -8.5496, 35.6571
Hunter-Lab	13.1282, 16.5755, 6.5034

Details

The YUV color **31.3420, -8.5496, 35.6571** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.6580, 8.5496, -35.6571**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.6800, -11.1812, 39.7456**, and **0.8970, -0.4422, 1.8443** is the 20% darker color. If you saturate the color by 10%, you get **26.4350, -9.5815, 39.9605**, and if you desaturate by 10%, it is **36.2490, -7.5178, 31.3536**.

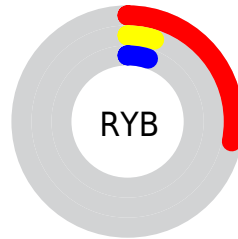
Distribution



Red (28%)

Green (5%)

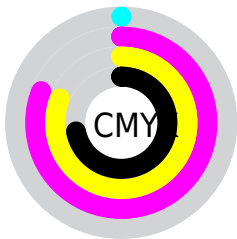
Blue (5%)



Red (28%)

Yellow (5%)

Blue (5%)

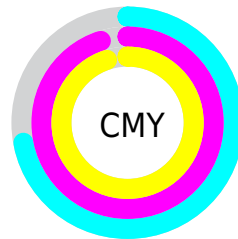


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (72%)



Cyan (72%)


Magenta (95%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 31.3420, -8.5496, 35.6571 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 31.3420, -8.5496, 35.6571 by changing the saturation by 10% instead.


 31.3420, -8.5496,
35.6571

 31.3420, -8.5496,
35.6571

 248.2520, -5.5472,
5.9180

 14.3520, -7.0755,
29.5093


 79.6800, -11.1812,
39.7456

 0.8970, -0.4422,
1.8443

 104.6480,
-12.6445, 42.4047

 0.0000, 0.0000,
0.0000

 130.5450,
-13.0867, 44.2490


 157.0290,
-13.8183, 45.5786


 184.2250,
-14.4079, 48.0377


 208.4090,


-13.5126, 40.8603


 228.0370, -9.3852,
23.6466


 31.3420, -8.5496,
35.6571


 31.3420, -8.5496,
35.6571


 26.4350, -9.5815,
39.9605

 36.2490, -7.5178,
31.3536

 21.5280, -10.6133,
44.2639

 41.1560, -6.4859,
27.0502

 46.7640, -5.3067,
22.1320

 51.6710, -4.2748,
17.8285

 56.5780, -3.2430,
13.5251

■ 61.4850, -2.2111,
9.2217

■ 66.3920, -1.1793,
4.9182

■ 72.0000, 0.0000,
0.0000

■ 76.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



31.3280, 2.7963, 36.5463



31.3420, -8.5496, 35.6571



33.2130, -16.3740, 25.2462

Triad

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



31.3420, -8.5496, 35.6571



26.9680, -8.3652, -23.6509



31.4260, 23.9470, -27.5606

Complementary

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



31.3420, -8.5496, 35.6571



54.6580, 8.5496, -35.6571

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.



33.5630, 19.4424, -29.4348



31.3420, -8.5496, 35.6571



30.4050, 2.2653, -26.6652

Square

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



31.3420, -8.5496, 35.6571



30.9550, -15.2608, -5.2225



32.9130, 11.8749, -28.8647



35.9130, 18.7769, -2.5547

Rectangle

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



31.3420, -8.5496, 35.6571



34.3320, -16.9257, 15.4948



32.9130, 11.8749, -28.8647



32.4860, 22.9314, -28.4902

Sweetspot

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



31.3420, -8.5496, 35.6571



78.5780, -3.2430, 13.5251



37.9540, 16.7847, 29.8583



38.1860, -2.0637, 8.6069



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



31.3420, -8.5496, 35.6571



30.2090, -13.4140, 55.9447



48.3650, -16.9419, 20.7279



33.1960, -0.5896, 2.4591



29.6010, -14.5933, 60.8629



67.8730, -33.4614, 139.5544

Inverse Universe

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



54.6580, 8.5496, -35.6571



66.7910, 13.4140, -55.9447



37.6350, 16.9419, -20.7279



34.8040, 0.5896, -2.4591



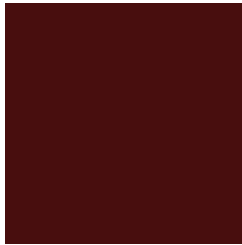
69.3990, 14.5933, -60.8629



159.1270, 33.4614, -139.5544

Previews

White Background



This preview shows how the YUV color 31.3420, -8.5496, 35.6571 looks on a white background.

Color Contrast Check

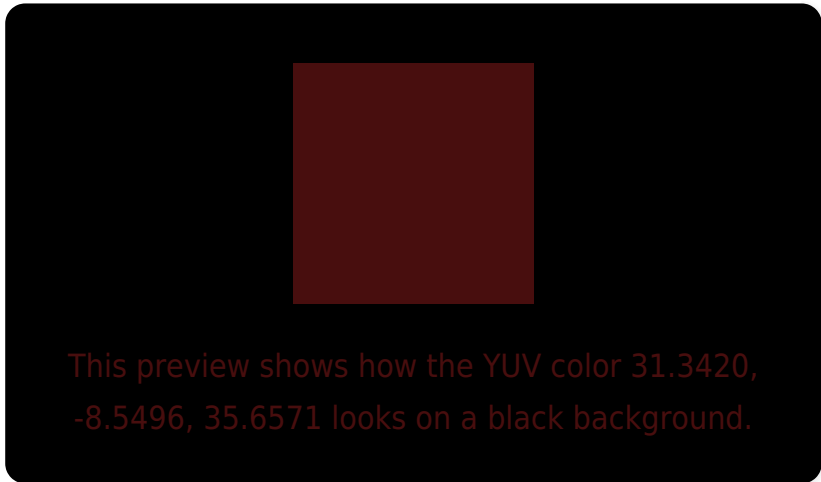
Large Text (above 18pt) WCAG AA ✓ Pass

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

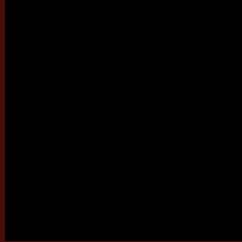
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.3420, -8.5496, 35.6571

Background



This preview shows how black text looks on a background with the YUV color 31.3420, -8.5496, 35.6571.

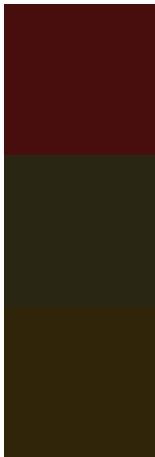


This preview shows how white text looks on a background with the YUV color 31.3420, -8.5496,

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

31.3420, -8.5496, 35.6571

Protanopia

37.1440, -8.4520, 4.2587

Deuteranopia

36.5100, -13.5624, 10.0767



Tritanopia

31.3420, -8.5496, 35.6571

Trichromacy



Original Color

31.3420, -8.5496, 35.6571

Protanomaly

34.9220, -8.3425, 15.8544

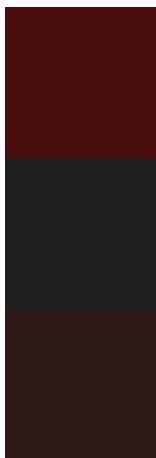
Deuteranomaly

34.7330, -11.7004, 19.5282

Tritanomaly

31.3420, -8.5496, 35.6571

Monochromacy



Original Color

31.3420, -8.5496, 35.6571

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.2790, -3.0955, 12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.3420, -8.5496, 35.6571 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(72, 14, 14)` looks like.

```
.text, #text, p{  
    color:rgb(72, 14, 14)  
}
```

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(72, 14, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 14, 14) }
```

Border

The CSS property to change the border of an element to YUV 31.3420, -8.5496, 35.6571 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(72, 14, 14) }
```


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

```
.border{ border-color:rgb(72, 14, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 14, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 14, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 14, 14);  
box-shadow:4px 4px 4px 4px rgb(72, 14, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.3420, -8.5496, 35.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 14, 14) }
```

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

```
.background{ background-color: rgb(72, 14,  
14) }
```

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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