

Converting Colors

YUV(33.5560, -16.5431,
32.8384)

Have a look what the booklet for
YUV(33.5560, -16.5431, 32.8384)
contains.

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Color

**YUV(33.5560, -16.5431,
32.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	471500
RGB	71, 21, 0
RGB Percent	28%, 8%, 0%
CMY	0.7216, 0.9176, 1.0000
CMYK	0.00, 0.70, 1.00, 0.72
HSL	18°, 100%, 14%
HSV	18°, 100%, 28%
XYZ	2.8667, 1.8759, 0.2110
YIQ	33.5560, 36.5410, 4.0690

Conversions

Conversions Part 2

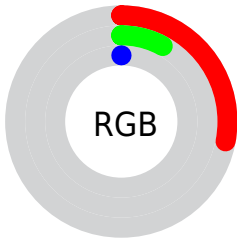
Format	Color
R_{YB}	71, 30, 0
Decimal	4658432
CIE _{Lab}	14.82, 22.78, 22.54
CIE _{LCh}	15, 32.048, 44.687
Yxy	1.8759, 0.5787, 0.3787
Android (android.graphics.Color)	4282848512 (0xFF471500)
YUV	33.5560, -16.5431, 32.8384
Hunter-Lab	13.6964, 13.3917, 8.6741

Details

The YUV color **33.5560, -16.5431, 32.8384** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.4440, 16.5431, -32.8384**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.1760, -16.8488, 37.5566**, and **0.2990, -0.1474, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **33.5560, -16.5431, 32.8384**, and if you desaturate by 10%, it is **37.2890, -14.9325, 29.5645**.

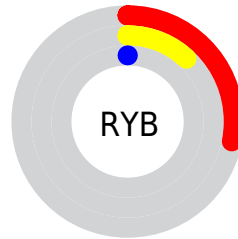
Distribution



Red (28%)

Green (8%)

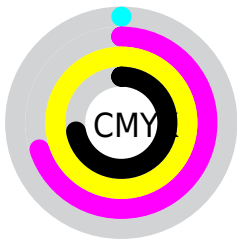
Blue (0%)



Red (28%)

Yellow (12%)

Blue (0%)

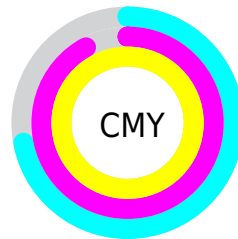


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (72%)



Cyan (72%)


Magenta (92%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 33.5560, -16.5431, 32.8384 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 33.5560, -16.5431, 32.8384 by changing the saturation by 10% instead.


 33.5560, -16.5431,
32.8384


 33.5560, -16.5431,
32.8384

 249.9330,
-11.7990, 4.4438


 13.7540, -6.7807,
28.2797


 81.1760, -16.8488,
37.5566

 0.2990, -0.1474,
0.6148

 105.9590,
-17.7278, 39.5010

 0.0000, 0.0000,
0.0000


 131.6280,
-19.0436, 41.5452


 158.4110,
-19.9226, 43.4896


 185.8950,
-20.6542, 44.8191


 210.2040,


-19.3276, 39.2861


 229.7180,
-15.6370, 22.1723


 33.5560, -16.5431,
32.8384

 37.2890, -14.9325,
29.5645

 41.0220, -13.3218,
26.2907

 44.7550, -11.7112,
23.0169

 48.4880, -10.1006,
19.7430

 52.3350, -8.0532,
16.3692

■ 56.0680, -6.4425,
13.0954

■ 59.8010, -4.8319,
9.8215

■ 63.5340, -3.2213,
6.5477

■ 67.2670, -1.6106,
3.2738

Harmonies

Analogous

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



32.5580, -2.7401, 38.9756



33.5560, -16.5431, 32.8384



35.8270, -17.6627, 18.5687

Triad

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



33.5560, -16.5431, 32.8384



30.4390, -2.6814, -26.6950



30.3660, 24.9626, -26.6310

Complementary

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



33.5560, -16.5431, 32.8384



37.4440, 16.5431, -32.8384

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.



34.4750, 22.9368, -30.2346



33.5560, -16.5431, 32.8384



33.0610, 7.3649, -28.9945

Square

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



33.5560, -16.5431, 32.8384



29.1170, -14.3547, -15.8886



34.8680, 16.8271, -30.5792



38.2030, 15.6759, 12.1000

Rectangle

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



33.5560, -16.5431, 32.8384



34.8750, -17.1934, 8.0026



34.8680, 16.8271, -30.5792



32.3550, 24.9680, -28.3753

Sweetspot

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



33.5560, -16.5431, 32.8384



77.0680, -6.4425, 13.0954



27.0430, 11.8108, 38.5503



37.0180, -3.9529, 7.8772



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.



33.5560, -16.5431, 32.8384



43.3570, -21.3750, 42.6599



54.1010, -26.6718, 14.8204



33.7830, -0.8790, 1.9443



46.6240, -22.9856, 45.9338



107.2020, -52.8506, 105.0628

Inverse Universe

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



37.4440, 16.5431, -32.8384



48.6430, 21.3750, -42.6599



16.8990, 26.6718, -14.8204



34.2170, 0.8790, -1.9443



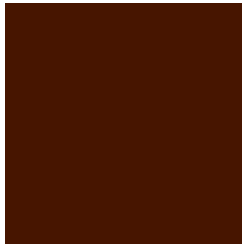
52.3760, 22.9856, -45.9338



119.7980, 52.8506, -105.0628

Previews

White Background



This preview shows how the YUV color 33.5560, -16.5431, 32.8384 looks on a white background.

Color Contrast Check

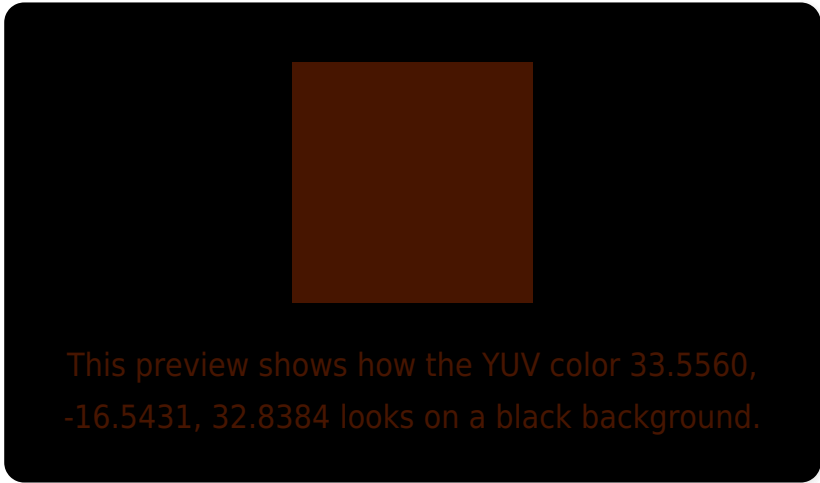
Large Text (above 18pt) WCAG AA ✓ Pass

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

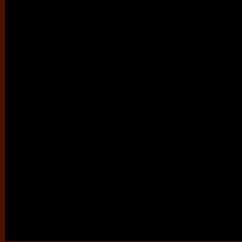
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5560, -16.5431, 32.8384

Background



This preview shows how black text looks on a background with the YUV color 33.5560, -16.5431, 32.8384.

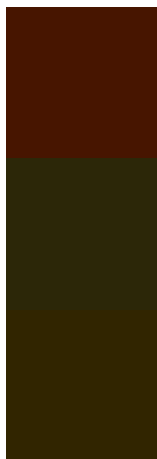


This preview shows how white text looks on a background with the YUV color 33.5560, -16.5431,

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

33.5560, -16.5431, 32.8384

Protanopia

36.9610, -14.2778, 6.1732

Deuteranopia

36.3700, -17.9304, 11.0765



Tritanopia

35.2490, -7.5178, 31.3536

Trichromacy



Original Color

33.5560, -16.5431, 32.8384

Protanomaly

35.5000, -15.0365, 16.2245

Deuteranomaly

35.2400, -17.3733, 19.0835

Tritanomaly

34.4510, -10.5753, 32.0535

Monochromacy



Original Color

33.5560, -16.5431, 32.8384

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.5840, -5.7109, 11.7658

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5560, -16.5431, 32.8384 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, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 21, 0)  
}
```

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, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 21, 0) }
```

Border

The CSS property to change the border of an element to YUV 33.5560, -16.5431, 32.8384 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, 21, 0) }
```


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

```
.border{ border-color:rgb(71, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 21, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 21, 0); box-shadow:4px  
4px 4px 4px rgb(71, 21, 0) }
```

Background

The CSS property to change the background color of an element to YUV 33.5560, -16.5431, 32.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 21, 0) }
```

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

```
.background{ background-color: rgb(71, 21,  
0) }
```

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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