

Converting Colors

YUV(33.4360, -14.5119,
34.6976)

Have a look what the booklet for
YUV(33.4360, -14.5119, 34.6976)
contains.

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Color

**YUV(33.4360, -14.5119,
34.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	491304
RGB	73, 19, 4
RGB Percent	29%, 7%, 2%
CMY	0.7137, 0.9255, 0.9843
CMYK	0.00, 0.74, 0.95, 0.71
HSL	13°, 90%, 15%
HSV	13°, 95%, 29%
XYZ	3.0024, 1.8910, 0.3216
YIQ	33.4360, 36.9990, 6.7830

Conversions

Conversions Part 2

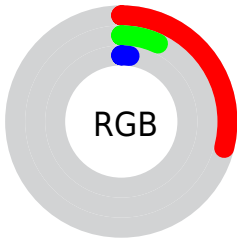
Format	Color
RYB	73, 23, 4
Decimal	4788996
CIELab	14.90, 24.85, 21.10
CIElCh	15, 32.597, 40.332
Yxy	1.8910, 0.5757, 0.3626
Android (android.graphics.Color)	4282979076 (0xFF491304)
YUV	33.4360, -14.5119, 34.6976
Hunter-Lab	13.7513, 14.9088, 8.2392

Details

The YUV color **33.4360, -14.5119, 34.6976** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.5640, 14.5119, -34.6976**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5290, -15.5438, 39.0011**, and **2.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **31.2190, -15.3910, 36.6419**, and if you desaturate by 10%, it is **37.7560, -13.1907, 30.9090**.

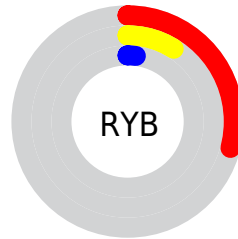
Distribution



Red (29%)

Green (7%)

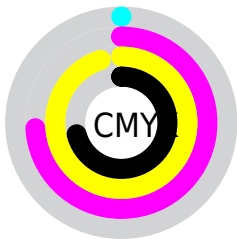
Blue (2%)



Red (29%)

Yellow (9%)

Blue (2%)

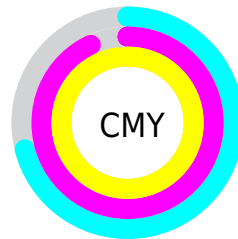


Cyan (0%)

Magenta (74%)

Yellow (95%)

Black (71%)



Cyan (71%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.4360, -14.5119, 34.6976 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 33.4360, -14.5119, 34.6976 by changing the saturation by 10% instead.

■ 33.4360, -14.5119,
34.6976

■ 33.4360, -14.5119,
34.6976

■ 249.6880,
-10.1992, 4.6586

■ 14.3520, -7.0755,
29.5093

■ 81.5290, -15.5438,
39.0011

■ 2.3920, -1.1793,
4.9182

■ 106.4970,
-17.0070, 41.6601

■ 0.0000, 0.0000,
0.0000

■ 132.2800,
-17.8860, 43.6044


■ 159.0630,
-18.7651, 45.5487


■ 185.9600,
-19.2073, 47.3931


■ 209.9590,


-17.7278, 39.5010


 229.4730,
-14.0372, 22.3872


 33.4360, -14.5119,
34.6976


 33.4360, -14.5119,
34.6976


 31.2190, -15.3910,
36.6419

 37.7560, -13.1907,
30.9090

 41.6030, -11.1433,
27.5352

 45.9230, -9.8220,
23.7465

 50.2430, -8.5008,
19.9579

 54.6770, -6.7428,
16.0693

■ 58.4100, -5.1321,
12.7954

■ 62.7300, -3.8109,
9.0068

■ 67.0500, -2.4896,
5.2182

■ 70.8970, -0.4422,
1.8443

Harmonies

Analogous

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



31.8400, -0.4141, 39.6053



33.4360, -14.5119, 34.6976



36.1370, -17.8155, 20.9279

Triad

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



33.4360, -14.5119, 34.6976



29.9830, -4.4286, -26.2951



31.7680, 25.2574, -27.8605

Complementary

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



33.4360, -14.5119, 34.6976



43.5640, 14.5119, -34.6976

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.



35.0620, 22.6474, -30.7494



33.4360, -14.5119, 34.6976



33.3060, 5.7651, -29.2094

Square

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



33.4360, -14.5119, 34.6976



30.6120, -15.0917, -12.8147



35.2270, 15.6641, -30.8941



38.5230, 16.9972, 8.3113

Rectangle

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



33.4360, -14.5119, 34.6976



35.7720, -17.6356, 9.8470



35.2270, 15.6641, -30.8941



33.0560, 25.1154, -28.9901

Sweetspot

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



33.4360, -14.5119, 34.6976



79.2960, -5.5689, 12.8954



30.7870, 13.4160, 37.0208



39.1320, -3.5161, 7.7772



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.



33.4360, -14.5119, 34.6976



40.4330, -19.9335, 46.9783



53.3940, -24.3512, 17.1945



33.7830, -0.8790, 1.9443



42.5150, -20.9599, 49.5373



96.6360, -47.6415, 114.3292

Inverse Universe

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



43.5640, 14.5119, -34.6976



54.1540, 19.6441, -47.4931



23.6060, 24.3512, -17.1945



34.2170, 0.8790, -1.9443



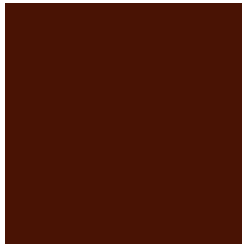
57.0720, 20.6705, -50.0521



130.3640, 47.6415, -114.3292

Previews

White Background



This preview shows how the YUV color 33.4360, -14.5119, 34.6976 looks on a white background.

Color Contrast Check

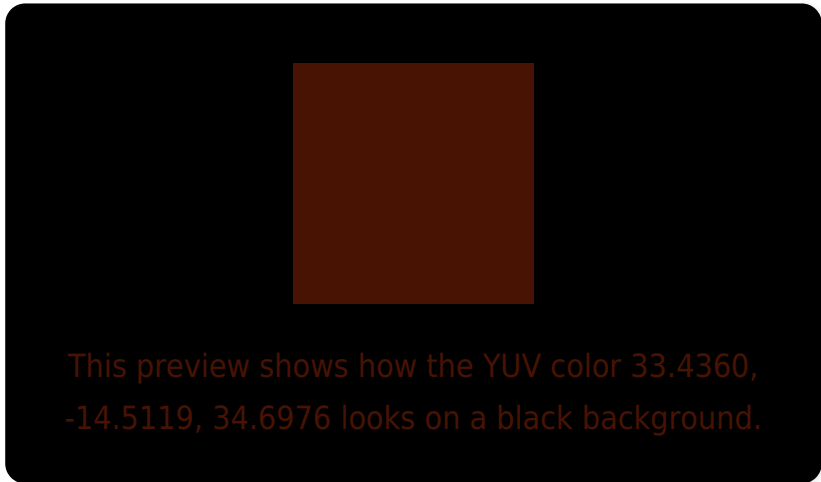
Large Text (above 18pt) WCAG AA ✓ Pass

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

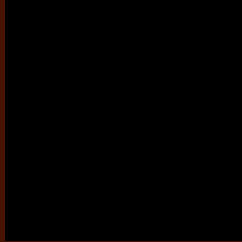
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.4360, -14.5119, 34.6976

Background



This preview shows how black text looks on a background with the YUV color 33.4360, -14.5119, 34.6976.

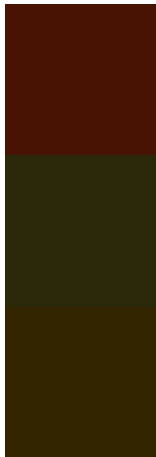


This preview shows how white text looks on a background with the YUV color 33.4360, -14.5119,

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

33.4360, -14.5119, 34.6976

Protanopia

37.7760, -13.6936, 5.4584

Deuteranopia

36.6690, -18.0778, 11.6913



Tritanopia

34.4450, -8.1074, 33.8127

Trichromacy



Original Color

33.4360, -14.5119, 34.6976

Protanomaly

36.1410, -13.8735, 16.5393

Deuteranomaly

35.0660, -16.7945, 20.1131

Tritanomaly

33.8750, -10.2914, 34.3126

Monochromacy



Original Color

33.4360, -14.5119, 34.6976

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2960, -5.5689, 12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4360, -14.5119, 34.6976 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(73, 19, 4)` looks like.

```
.text, #text, p{  
    color:rgb(73, 19, 4)  
}
```

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(73, 19, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 19, 4) }
```

Border

The CSS property to change the border of an element to YUV 33.4360, -14.5119, 34.6976 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(73, 19, 4) }
```


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

```
.border{ border-color:rgb(73, 19, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 19, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 19, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 19, 4); box-shadow:4px  
4px 4px 4px rgb(73, 19, 4) }
```

Background

The CSS property to change the background color of an element to YUV 33.4360, -14.5119, 34.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 19, 4) }
```

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

```
.background{ background-color: rgb(73, 19,  
4) }
```

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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