

Converting Colors

YUV(34.7330, 15.4146, 49.3462)

Have a look what the booklet for
YUV(34.7330, 15.4146, 49.3462)
contains.

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Color

**YUV(34.7330, 15.4146,
49.3462)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0042
RGB	91, 0, 66
RGB Percent	36%, 0%, 26%
CMY	0.6431, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.27, 0.64
HSL	316°, 100%, 18%
HSV	316°, 100%, 36%
XYZ	5.2978, 2.6175, 5.3803
YIQ	34.7330, 33.0500, 39.8180

Conversions

Conversions Part 2

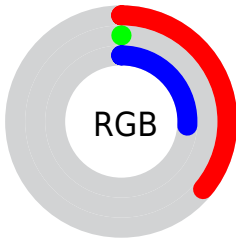
Format	Color
R_{YB}	91, 0, 66
Decimal	5963842
CIE _{Lab}	18.44, 42.54, -14.01
CIE _{LCh}	18, 44.786, 341.772
Yxy	2.6175, 0.3985, 0.1969
Android (android.graphics.Color)	4284153922 (0xFF5B0042)
YUV	34.7330, 15.4146, 49.3462
Hunter-Lab	16.1787, 30.1377, -8.3920

Details

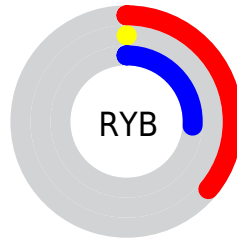
The YUV color **34.7330, 15.4146, 49.3462** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.2670, -15.4146, -49.3462**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6850, 11.4943, 46.7573**, and **15.5930, 4.1447, 24.0359** is the 20% darker color. If you saturate the color by 10%, you get **34.7330, 15.4146, 49.3462**, and if you desaturate by 10%, it is **40.3580, 14.1205, 44.4130**.

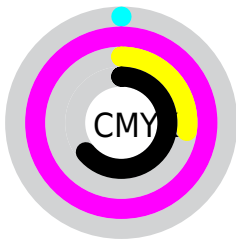
Distribution



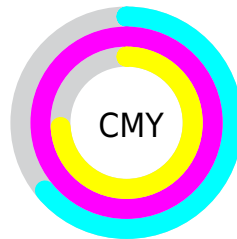
- Red (36%)
- Green (0%)
- Blue (26%)



- Red (36%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.7330, 15.4146, 49.3462 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 34.7330, 15.4146, 49.3462 by changing the saturation by 10% instead.

■ 34.7330, 15.4146,
49.3462

■ 34.7330, 15.4146,
49.3462

■ 252.0650, 1.4470,
2.5740

■ 24.4510, 9.6377,
35.5615

■ 90.6850, 11.4943,
46.7573

■ 15.5930, 4.1447,
24.0359

■ 117.2830, 11.1995,
47.9868

■ 0.0000, 0.0000,
0.0000

■ 143.8810, 10.9047,
49.2164

■ 170.8920, 10.8992,
50.9607

■ 198.2940, 11.1941,
49.7312

■ 217.4490, 16.0476,

32.9322

■ 235.0420, 9.8393,
17.5032

■ 34.7330, 15.4146,
49.3462

■ 40.3580, 14.1205,
44.4130

■ 45.8690, 12.3896,
39.5799

■ 51.4940, 11.0955,
34.6468

■ 57.0050, 9.3645,
29.8136

■ 63.2170, 7.7810,
24.3657

■ 68.7280, 6.0501,
19.5325

■ 74.3530, 4.7560,
14.5994

■ 79.8640, 3.0250,
9.7663

■ 85.4890, 1.7309,
4.8331

Harmonies

Analogous

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



45.0920, 24.1116, 13.0743



34.7330, 15.4146, 49.3462



33.7760, 0.1104, 58.0784

Triad

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



34.7330, 15.4146, 49.3462



41.6310, -20.5241, 2.9546



44.0780, 21.6535, -38.6564

Complementary

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



34.7330, 15.4146, 49.3462



56.2670, -15.4146, -49.3462

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.



40.5440, 8.1128, -35.5571



34.7330, 15.4146, 49.3462



32.5950, -16.0693, -25.9548

Square

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



34.7330, 15.4146, 49.3462



42.6600, -21.0314, 25.7312



36.0810, -6.4489, -31.6430



43.8960, 31.1103, -38.4968

Rectangle

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



34.7330, 15.4146, 49.3462



32.8930, -10.7932, 55.3448



36.0810, -6.4489, -31.6430



43.0520, 17.7224, -37.7566

Sweetspot

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



34.7330, 15.4146, 49.3462



95.4290, 6.1975, 18.9178



17.5500, 36.2109, 5.6566



45.9890, 3.4564, 11.4106



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



34.7330, 15.4146, 49.3462



44.6730, 19.8812, 63.4308



29.6030, -4.2413, 53.8452



42.9510, 1.0102, 2.6740



42.0100, 18.7291, 59.6272



90.4710, 40.1938, 128.5059

Inverse Universe

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



34.7330, 15.4146, 49.3462



44.6730, 19.8812, 63.4308



61.3970, 4.2413, -53.8452



42.9510, 1.0102, 2.6740



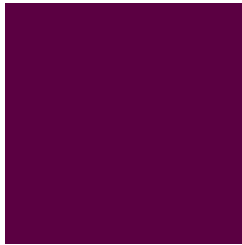
42.0100, 18.7291, 59.6272



90.4710, 40.1938, 128.5059

Previews

White Background



This preview shows how the YUV color 34.7330, 15.4146, 49.3462 looks on a white background.

Color Contrast Check

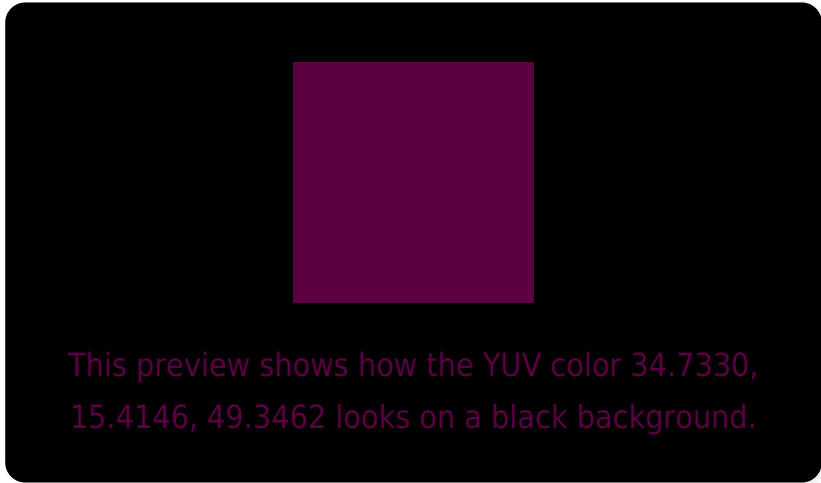
Large Text (above 18pt) WCAG AA ✓ Pass

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

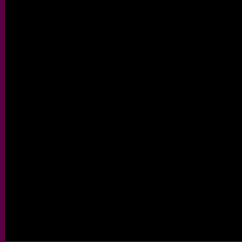
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7330, 15.4146, 49.3462

Background



This preview shows how black text looks on a background with the YUV color 34.7330, 15.4146, 49.3462.



This preview shows how white text looks on a background with the YUV color 34.7330, 15.4146,

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



Protanopia

45.7690, 23.7779, -19.9684

Deuteranopia

49.2970, 6.2626, -2.0145

Tritanopia

44.6520, -8.7024, 38.0162

Trichromacy



Protanomaly

42.1250, 20.6444, 5.1524

Deuteranomaly

44.2160, 9.2605, 16.4736

Tritanomaly

41.2640, -0.1302, 41.8645

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.6030, 5.6187, 17.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7330, 15.4146, 49.3462 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(91, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 66)  
}
```

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(91, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 66) }
```

Border

The CSS property to change the border of an element to YUV 34.7330, 15.4146, 49.3462 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(91, 0, 66) }
```

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

```
.border{ border-color:rgb(91, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(91, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 0, 66); box-shadow:4px  
4px 4px 4px rgb(91, 0, 66) }
```


Background

The CSS property to change the background color of an element to YUV 34.7330, 15.4146, 49.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 66) }
```

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

```
.background{ background-color: rgb(91, 0,  
66) }
```

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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