

Converting Colors

YUV(54.4670, -15.0202,
10.9914)

Have a look what the booklet for
YUV(54.4670, -15.0202, 10.9914)
contains.

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Color

**YUV(54.4670, -15.0202,
10.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	433618
RGB	67, 54, 24
RGB Percent	26%, 21%, 9%
CMY	0.7373, 0.7882, 0.9059
CMYK	0.00, 0.19, 0.64, 0.74
HSL	42°, 47%, 18%
HSV	42°, 64%, 26%
XYZ	3.7988, 3.8976, 1.4162
YIQ	54.4670, 17.3780, -6.5740

Conversions

Conversions Part 2

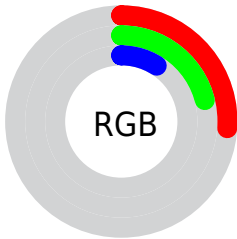
Format	Color
RYB	43, 67, 24
Decimal	4404760
CIE Lab	23.33, 1.43, 20.78
CIE LCh	23, 20.824, 86.074
Yxy	3.8976, 0.4169, 0.4277
Android (android.graphics.Color)	4282594840 (0xFF433618)
YUV	54.4670, -15.0202, 10.9914
Hunter-Lab	19.7423, -0.2023, 9.5663

Details

The YUV color **54.4670, -15.0202, 10.9914** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **36.5330, 15.0202, -10.9914**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4350, -16.4835, 13.6505**, and **11.8500, -5.8420, 7.1476** is the 20% darker color. If you saturate the color by 10%, you get **52.4950, -17.4990, 12.7209**, and if you desaturate by 10%, it is **56.4390, -12.5414, 9.2620**.

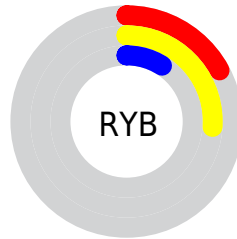
Distribution



Red (26%)

Green (21%)

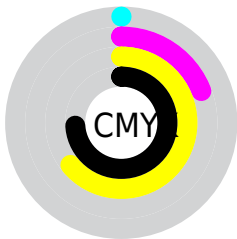
Blue (9%)



Red (17%)

Yellow (26%)

Blue (9%)

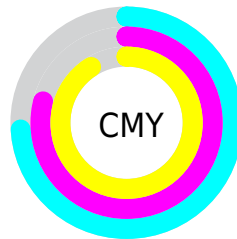


Cyan (0%)

Magenta (19%)

Yellow (64%)

Black (74%)



Cyan (74%)

Magenta (79%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4670, -15.0202, 10.9914 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 54.4670, -15.0202, 10.9914 by changing the saturation by 10% instead.

■ 54.4670, -15.0202,
10.9914

■ 54.4670, -15.0202,
10.9914

■ 254.7720, -0.8736,
0.2000

■ 32.8260, -16.1832,
10.6766

■ 101.4350,
-16.4835, 13.6505

■ 11.8500, -5.8420,
7.1476

■ 126.6200,
-17.0677, 14.3653

■ 0.0000, 0.0000,
0.0000

■ 152.8050,
-17.6519, 15.0800

■ 179.5770,
-18.5255, 15.2800

■ 207.1750,
-18.8203, 16.5095

■ 235.6480,

-19.5465, 16.0947

■ 251.4660,
-13.5407, 3.0993

■ 54.4670, -15.0202,
10.9914

■ 54.4670, -15.0202,
10.9914

■ 52.4950, -17.4990,
12.7209

■ 56.4390, -12.5414,
9.2620

■ 50.6370, -19.5410,
14.3504

■ 58.2970, -10.4994,
7.6325

■ 48.6650, -22.0198,
16.0798

■ 60.2690, -8.0206,
5.9031

■ 47.6220, -23.4776,
16.9945

■ 62.2410, -5.5418,
4.1736

■ 64.0990, -3.4998,
2.5442

■ 66.0710, -1.0210,
0.8147

■ 68.0430, 1.4578,
-0.9147

■ 70.0150, 3.9366,
-2.6442

■ 71.8730, 5.9786,
-4.2736

Harmonies

Analogous

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



55.2170, -12.4320, 20.8577



54.4670, -15.0202, 10.9914



52.9600, -12.7983, -1.7189

Triad

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



54.4670, -15.0202, 10.9914



44.8470, 11.9074, -39.3308



57.7380, 7.5242, 13.3848

Complementary

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



54.4670, -15.0202, 10.9914



36.5330, 15.0202, -10.9914

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.



56.2460, 13.6827, -1.9697



54.4670, -15.0202, 10.9914



45.6280, 17.4384, -40.0158

Square

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



54.4670, -15.0202, 10.9914



44.8060, 4.0396, -35.7869



51.3250, 17.0948, -23.0870



56.6700, 0.6557, 23.0914

Rectangle

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



54.4670, -15.0202, 10.9914



51.2300, -8.9874, -10.7257



51.3250, 17.0948, -23.0870



57.2860, 9.7190, 9.3962

Sweetspot

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



54.4670, -15.0202, 10.9914



82.1270, -5.9786, 4.2736



38.4530, -0.2233, 25.0357



40.0990, -3.4998, 2.5442



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



54.4670, -15.0202, 10.9914



67.6220, -23.4776, 16.9945



59.7060, -17.6031, -0.6192



32.0710, -1.0210, 0.8147



68.9190, -33.9771, 24.6270



159.1350, -78.4536, 56.8866

Inverse Universe

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



36.5330, 15.0202, -10.9914



39.3780, 23.4776, -16.9945



31.2940, 17.6031, 0.6192



30.9290, 1.0210, -0.8147



28.0810, 33.9771, -24.6270



65.4520, 78.1642, -57.4014

Previews

White Background



This preview shows how the YUV color 54.4670, -15.0202, 10.9914 looks on a white background.

Color Contrast Check

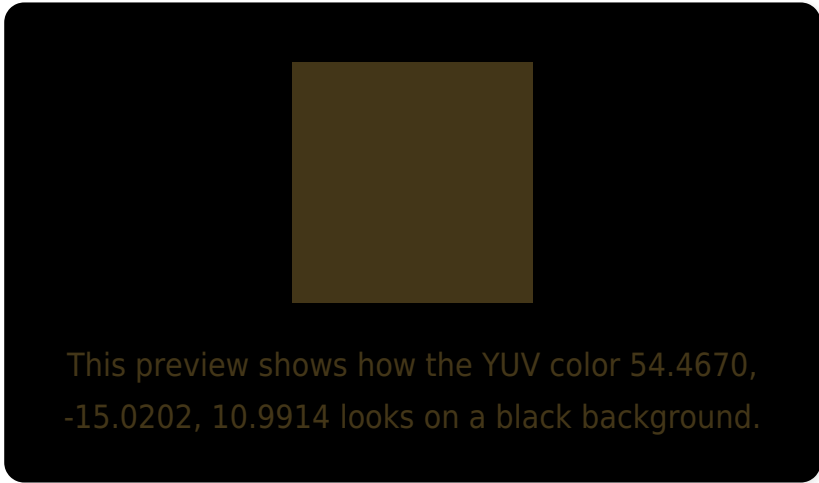
Large Text (above 18pt) WCAG AA ✓ Pass

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

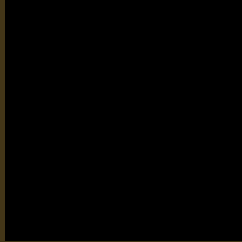
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.4670, -15.0202, 10.9914

Background



This preview shows how black text looks on a background with the YUV color 54.4670, -15.0202, 10.9914.

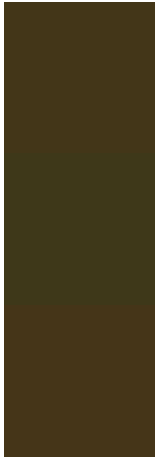


This preview shows how white text looks on a background with the YUV color 54.4670, -15.0202,

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

54.4670, -15.0202, 10.9914

Protanopia

54.2600, -14.4252, 6.7880

Deuteranopia

54.4780, -15.0257, 12.7358



Tritanopia

56.8380, -0.9061, 10.6661

Trichromacy



Original Color

54.4670, -15.0202, 10.9914

Protanomaly

54.2710, -14.4306, 8.5323

Deuteranomaly

54.1790, -14.8782, 12.1210

Tritanomaly

55.8720, -5.8529, 10.6363

Monochromacy



Original Color

54.4670, -15.0202, 10.9914

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4670, -15.0202, 10.9914 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(67, 54, 24)` looks like.

```
.text, #text, p{  
    color:rgb(67, 54, 24)  
}
```

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(67, 54, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 54, 24) }
```

Border

The CSS property to change the border of an element to YUV 54.4670, -15.0202, 10.9914 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(67, 54, 24) }
```


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

```
.border{ border-color:rgb(67, 54, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 54, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 54, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 54, 24);  
box-shadow:4px 4px 4px 4px rgb(67, 54, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.4670, -15.0202, 10.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 54, 24) }
```

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

```
.background{ background-color: rgb(67, 54,  
24) }
```

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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