

Converting Colors

YUV(46.3330, -11.5032,
49.6970)

Have a look what the booklet for
YUV(46.3330, -11.5032, 49.6970)
contains.

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Color

**YUV(46.3330, -11.5032,
49.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	671617
RGB	103, 22, 23
RGB Percent	40%, 9%, 9%
CMY	0.5961, 0.9137, 0.9098
CMYK	0.00, 0.79, 0.78, 0.60
HSL	359°, 65%, 25%
HSV	359°, 79%, 40%
XYZ	6.0351, 3.5192, 1.1718
YIQ	46.3330, 47.9550, 17.4830

Conversions

Conversions Part 2

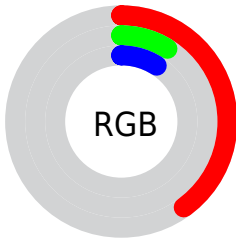
Format	Color
R_{YB}	103, 22, 23
Decimal	6755863
CIE _{Lab}	22.01, 35.62, 21.38
CIE _{LCh}	22, 41.547, 30.978
Yxy	3.5192, 0.5627, 0.3281
Android (android.graphics.Color)	4284945943 (0xFF671617)
YUV	46.3330, -11.5032, 49.6970
Hunter-Lab	18.7597, 24.5950, 9.4282

Details

The YUV color **46.3330, -11.5032, 49.6970** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **78.6670, 11.5032, -49.6970**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6280, -15.5926, 54.7002**, and **15.0640, -6.9336, 30.6389** is the 20% darker color. If you saturate the color by 10%, you get **39.3230, -12.9772, 55.8447**, and if you desaturate by 10%, it is **53.3430, -10.0291, 43.5492**.

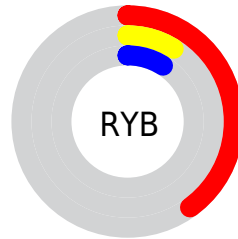
Distribution



Red (40%)

Green (9%)

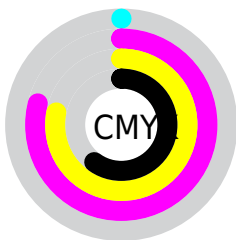
Blue (9%)



Red (40%)

Yellow (9%)

Blue (9%)

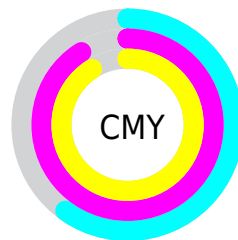


Cyan (0%)

Magenta (79%)

Yellow (78%)

Black (60%)



Cyan (60%)


Magenta (91%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.3330, -11.5032, 49.6970 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 46.3330, -11.5032, 49.6970 by changing the saturation by 10% instead.


 46.3330, -11.5032,
49.6970


 46.3330, -11.5032,
49.6970


 254.3160, -2.6208,
0.5999

 22.7240, -11.2029,
46.7231


 97.6280, -15.5926,
54.7002

 15.0640, -6.9336,
30.6389

 124.1830,
-17.3452, 56.8445

 0.8970, -0.4422,
1.8443

 150.9660,
-18.2242, 58.7888

 0.0000, 0.0000,
0.0000

 178.0480,
-19.2507, 61.3479

 199.0680,
-16.3025, 49.0524

 218.5820,

-12.6119, 31.9386

238.7970, -8.7739,
14.2100

46.3330, -11.5032,
49.6970

46.3330, -11.5032,
49.6970

39.3230, -12.9772,
55.8447

53.3430, -10.0291,
43.5492

31.7260, -14.1619,
62.5073

60.9400, -8.8444,
36.8866

30.9110, -14.7461,
63.2221

68.0640, -6.9336,
30.6389

75.0740, -5.4595,
24.4911

82.6710, -4.2748,
17.8285

■ 89.6810, -2.8007,
11.6808

■ 96.6910, -1.3267,
5.5330

■ 103.7010, 0.1474,
-0.6148

■ 111.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



44.4810, 4.1999, 53.0752



46.3330, -11.5032, 49.6970



49.5040, -24.4055, 34.6380

Triad

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



46.3330, -11.5032, 49.6970



39.8480, -9.7851, -34.9467



45.9820, 34.0259, -40.3262

Complementary

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



46.3330, -11.5032, 49.6970



78.6670, 11.5032, -49.6970

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.



49.1790, 28.5058, -43.1300



46.3330, -11.5032, 49.6970



44.7840, 4.0505, -39.2756

Square

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



46.3330, -11.5032, 49.6970



45.3860, -22.3753, -9.9855



48.3180, 17.5912, -42.3749



52.8620, 26.1970, -2.5100

Rectangle

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



46.3330, -11.5032, 49.6970



50.3020, -24.7989, 20.7831



48.3180, 17.5912, -42.3749



47.6290, 32.7209, -41.7706

Sweetspot

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



46.3330, -11.5032, 49.6970



112.5680, -4.7170, 19.6729



55.1540, 23.5881, 41.0839



54.9800, -2.9481, 12.2955



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



46.3330, -11.5032, 49.6970



46.2010, -17.8471, 77.8767



69.1120, -23.2262, 29.7198



47.4950, -0.7370, 3.0739



34.4990, -16.5150, 70.5994



72.7000, -34.3621, 148.4761

Inverse Universe

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



46.3330, -11.5032, 49.6970



46.2010, -17.8471, 77.8767



55.8880, 23.2262, -29.7198



47.4950, -0.7370, 3.0739



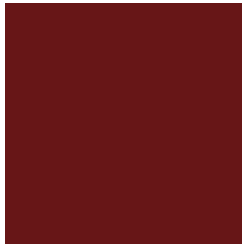
34.4990, -16.5150, 70.5994



72.7000, -34.3621, 148.4761

Previews

White Background



This preview shows how the YUV color 46.3330, -11.5032, 49.6970 looks on a white background.

Color Contrast Check

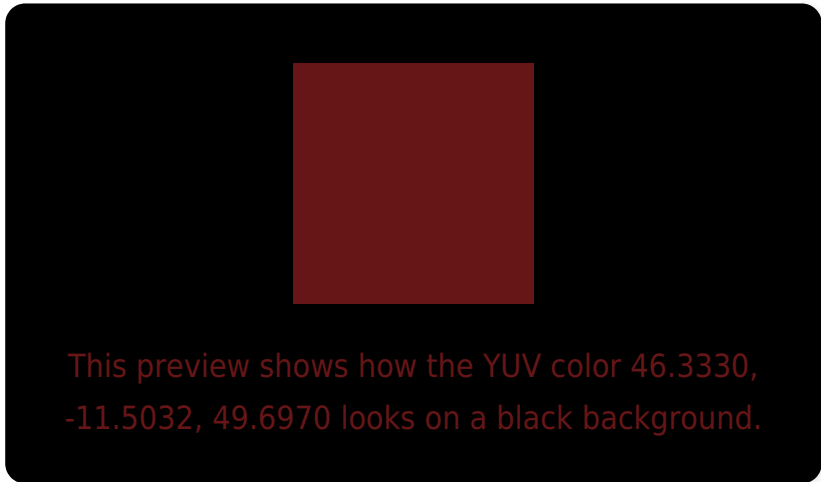
Large Text (above 18pt) WCAG AA ✓ Pass

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

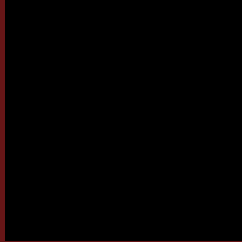
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3330, -11.5032, 49.6970

Background



This preview shows how black text looks on a background with the YUV color 46.3330, -11.5032, 49.6970.

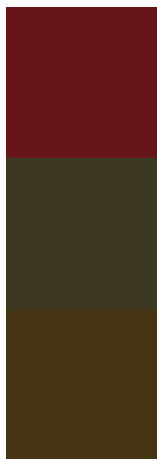


This preview shows how white text looks on a background with the YUV color 46.3330, -11.5032,

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

46.3330, -11.5032, 49.6970

Protanopia

53.9870, -10.3466, 5.2734

Deuteranopia

52.7940, -17.6464, 13.3357



Tritanopia

46.2190, -11.9400, 49.7969

Trichromacy



Original Color

46.3330, -11.5032, 49.6970

Protanomaly

51.2710, -10.9796, 21.6873

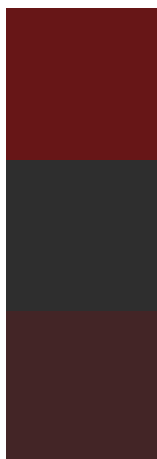
Deuteranomaly

50.4520, -15.5058, 26.7906

Tritanomaly

46.2190, -11.9400, 49.7969

Monochromacy



Original Color

46.3330, -11.5032, 49.6970

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3330, -11.5032, 49.6970 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(103, 22, 23)` looks like.

```
.text, #text, p{  
    color:rgb(103, 22, 23)  
}
```

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(103, 22, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 22, 23) }
```

Border

The CSS property to change the border of an element to YUV 46.3330, -11.5032, 49.6970 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(103, 22, 23) }
```


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

```
.border{ border-color:rgb(103, 22, 23) }
```

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

Here you see how a box with a 4 pixel rgb(103, 22, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 22, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 22, 23);  
box-shadow:4px 4px 4px 4px rgb(103, 22,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 46.3330, -11.5032, 49.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 22, 23) }
```

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

```
.background{ background-color: rgb(103, 22,  
23) }
```

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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