

Converting Colors

YUV(66.3730, 1.2951, 51.4159)

Have a look what the booklet for
YUV(66.3730, 1.2951, 51.4159)
contains.

YUV(66.3730, 1.2951, 51.4159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.3730, 1.2951,
51.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	7D2445
RGB	125, 36, 69
RGB Percent	49%, 14%, 27%
CMY	0.5098, 0.8588, 0.7294
CMYK	0.00, 0.71, 0.45, 0.51
HSL	338°, 55%, 32%
HSV	338°, 71%, 49%
XYZ	10.1625, 6.0514, 6.2626
YIQ	66.3730, 42.4510, 29.1310

Conversions

Conversions Part 2

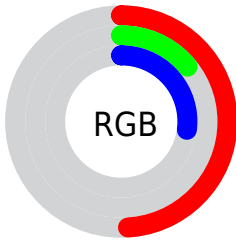
Format	Color
R_{YB}	125, 36, 69
Decimal	8201285
CIE Lab	29.54, 41.01, 1.32
CIE LCh	30, 41.035, 1.841
Yxy	6.0514, 0.4521, 0.2692
Android (android.graphics.Color)	4286391365 (0xFF7D2445)
YUV	66.3730, 1.2951, 51.4159
Hunter-Lab	24.5996, 30.6921, 2.1255

Details

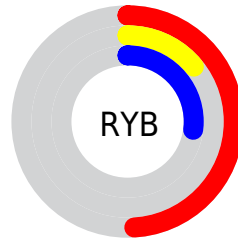
The YUV color **66.3730, 1.2951, 51.4159** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **94.6270, -1.2951, -51.4159**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1130, -1.0417, 54.2749**, and **24.1930, 0.8909, 41.0497** is the 20% darker color. If you saturate the color by 10%, you get **57.8300, 1.5628, 58.9081**, and if you desaturate by 10%, it is **74.9160, 1.0274, 43.9237**.

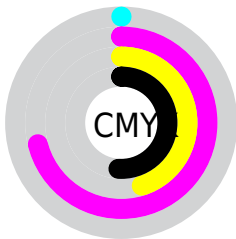
Distribution



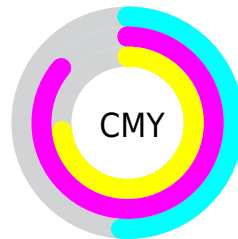
- Red (49%)
- Green (14%)
- Blue (27%)



- Red (49%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3730, 1.2951, 51.4159 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 66.3730, 1.2951, 51.4159 by changing the saturation by 10% instead.

66.3730, 1.2951,
51.4159

66.3730, 1.2951,
51.4159

255.0000, 0.0000,
0.0000

37.0080, 4.9261,
53.4900

119.1130, -1.0417,
54.2749

24.1930, 0.8909,
41.0497

146.0100, -1.4839,
56.1192

14.8790, -6.3493,
29.9241

172.9070, -1.9262,
57.9636

0.0000, 0.0000,
0.0000

196.6180, -0.3047,
51.2010

216.2460, 3.8227,
33.9873

236.5750, 8.0975,

16.1587

253.8260, 0.5788,
1.0296

■ 66.3730, 1.2951,
51.4159

■ 66.3730, 1.2951,
51.4159

■ 57.8300, 1.5628,
58.9081

■ 74.9160, 1.0274,
43.9237

■ 49.8740, 1.5411,
65.8855

■ 82.8720, 1.0491,
36.9463

■ 42.6190, 1.6668,
72.2481

■ 91.4150, 0.7814,
29.4540

■ 99.2570, 0.3663,
22.5766

■ 107.8000, 0.0986,
15.0844

■ 115.7560, 0.1203,
8.1070

■ 124.2990, -0.1474,
0.6148

■ 132.2550, -0.1257,
-6.3626

■ 140.2110, -0.1040,
-13.3400

Harmonies

Analogous

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



70.4060, 14.5898, 33.8469



66.3730, 1.2951, 51.4159



65.7630, -13.6872, 50.1968

Triad

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



66.3730, 1.2951, 51.4159



61.1320, -27.1801, -8.8858



61.3240, 31.8853, -53.7811

Complementary

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



66.3730, 1.2951, 51.4159



94.6270, -1.2951, -51.4159

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.



60.9360, 20.2446, -53.4409



66.3730, 1.2951, 51.4159



52.4660, -7.1317, -46.0127

Square

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



66.3730, 1.2951, 51.4159



65.3200, -32.2028, 15.5054



57.4020, 6.7038, -50.3416



58.1270, 37.4054, -50.9774

Rectangle

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



66.3730, 1.2951, 51.4159



66.7760, -23.5536, 41.4154



57.4020, 6.7038, -50.3416



61.7000, 28.2489, -54.1109

Sweetspot

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



66.3730, 1.2951, 51.4159



140.6480, 0.6665, 19.6027



62.5910, 30.7676, 24.9147



68.1910, 0.3988, 12.1105



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



66.3730, 1.2951, 51.4159



71.4890, 2.2239, 80.2551



68.4810, -16.0131, 49.5672



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.3730, 1.2951, 51.4159



71.4890, 2.2239, 80.2551



92.5190, 16.0131, -49.5672



59.4350, 0.2785, 4.0035



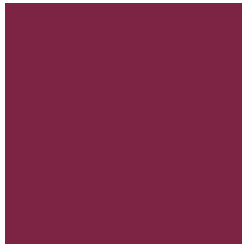
43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 66.3730, 1.2951, 51.4159 looks on a white background.

Color Contrast Check

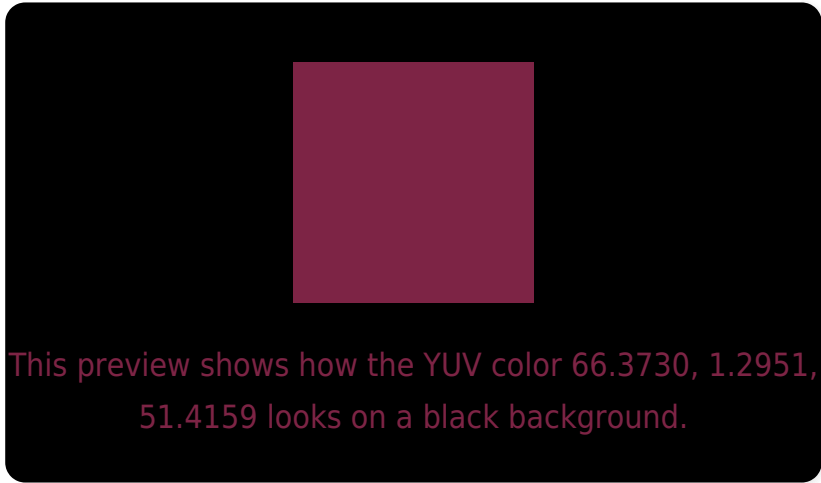
Large Text (above 18pt) WCAG AA ✓ Pass

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

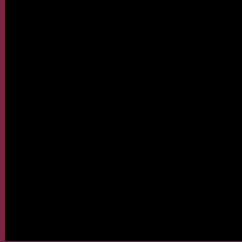
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3730, 1.2951, 51.4159

Background



This preview shows how black text looks on a background with the YUV color 66.3730, 1.2951, 51.4159.



This preview shows how white text looks on a background with the YUV color 66.3730, 1.2951, 51.4159.

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

66.3730, 1.2951, 51.4159

Protanopia

70.9700, 8.8888, -4.3587

Deuteranopia

71.2460, -3.0793, 7.6773



Tritanopia

66.4470, -11.0664, 49.5970

Trichromacy



Original Color

66.3730, 1.2951, 51.4159

Protanomaly

69.4070, 6.2083, 15.4291

Deuteranomaly

69.1000, -1.5283, 23.5913

Tritanomaly

66.5980, -6.7038, 50.3416

Monochromacy



Original Color

66.3730, 1.2951, 51.4159

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9360, 0.5246, 18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3730, 1.2951, 51.4159 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(125, 36, 69)` looks like.

```
.text, #text, p{  
    color:rgb(125, 36, 69)  
}
```

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(125, 36, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 36, 69) }
```

Border

The CSS property to change the border of an element to YUV 66.3730, 1.2951, 51.4159 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(125, 36, 69) }
```


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

```
.border{ border-color:rgb(125, 36, 69) }
```

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

Here you see how a box with a 4 pixel rgb(125, 36, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 36, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 36, 69);  
box-shadow:4px 4px 4px 4px rgb(125, 36,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 66.3730, 1.2951, 51.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 36, 69) }
```

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

```
.background{ background-color: rgb(125, 36,  
69) }
```

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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