

Converting Colors

YUV(51.9330, -1.4460, 43.9088)

Have a look what the booklet for
YUV(51.9330, -1.4460, 43.9088)
contains.

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Color

**YUV(51.9330, -1.4460,
43.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	661B31
RGB	102, 27, 49
RGB Percent	40%, 11%, 19%
CMY	0.6000, 0.8941, 0.8078
CMYK	0.00, 0.74, 0.52, 0.60
HSL	342°, 58%, 25%
HSV	342°, 74%, 40%
XYZ	6.4258, 3.8304, 3.3064
YIQ	51.9330, 37.6380, 22.7420

Conversions

Conversions Part 2

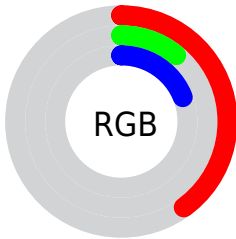
Format	Color
R_{YB}	102, 27, 49
Decimal	6691633
CIE Lab	23.10, 35.14, 5.02
CIE LCh	23, 35.500, 8.132
Yxy	3.8304, 0.4738, 0.2824
Android (android.graphics.Color)	4284881713 (0xFF661B31)
YUV	51.9330, -1.4460, 43.9088
Hunter-Lab	19.5714, 24.3562, 3.6835

Details

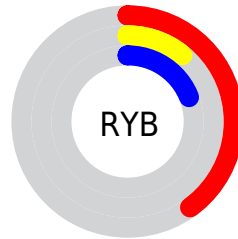
The YUV color **51.9330, -1.4460, 43.9088** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.0670, 1.4460, -43.9088**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9720, -3.9302, 47.3826**, and **15.6620, -7.2284, 31.8684** is the 20% darker color. If you saturate the color by 10%, you get **45.2650, -1.6096, 49.7566**, and if you desaturate by 10%, it is **58.6010, -1.2823, 38.0609**.

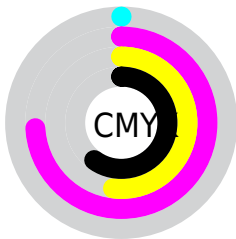
Distribution



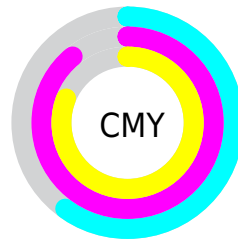
- Red (40%)
- Green (11%)
- Blue (19%)



- Red (40%)
- Yellow (11%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (52%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9330, -1.4460, 43.9088 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 51.9330, -1.4460, 43.9088 by changing the saturation by 10% instead.

■ 51.9330, -1.4460,
43.9088

■ 51.9330, -1.4460,
43.9088

255.0000, 0.0000,
0.0000

■ 25.9160, 1.0274,
43.9237

■ 102.9720, -3.9302,
47.3826

■ 15.6620, -7.2284,
31.8684

■ 128.8690, -4.3724,
49.2269

■ 4.1860, -2.0637,
8.6069

■ 155.6520, -5.2514,
51.1712

■ 0.0000, 0.0000,
0.0000

■ 183.2500, -5.5462,
52.4008

■ 205.7650, -3.3351,
43.1791

■ 225.3930, 0.7923,

25.9653

245.6080, 4.6303,
8.2368

51.9330, -1.4460,
43.9088

51.9330, -1.4460,
43.9088

45.2650, -1.6096,
49.7566

58.6010, -1.2823,
38.0609

38.5970, -1.7733,
55.6044

65.2690, -1.1186,
32.2131

33.9180, -1.9316,
59.7079

72.6380, -0.8075,
25.7505

79.3060, -0.6439,
19.9026

85.9740, -0.4802,
14.0548

■ 92.6420, -0.3165,
8.2070

■ 99.3100, -0.1528,
2.3591

■ 106.6790, 0.1583,
-4.1035

■ 113.3470, 0.3219,
-9.9513

Harmonies

Analogous

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



54.8420, 9.9379, 32.5876



51.9330, -1.4460, 43.9088



52.5830, -14.0914, 39.8307

Triad

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



51.9330, -1.4460, 43.9088



47.4610, -19.4543, -13.5593



48.8370, 27.1954, -42.8300

Complementary

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



51.9330, -1.4460, 43.9088



77.0670, 1.4460, -43.9088

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.



49.2470, 18.6122, -43.1896



51.9330, -1.4460, 43.9088



42.6180, -4.2487, -37.3760

Square

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



51.9330, -1.4460, 43.9088



51.1110, -25.1977, 8.6727



46.3970, 7.6923, -40.6902



45.1840, 30.9683, -39.6264

Rectangle

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



51.9330, -1.4460, 43.9088



52.6500, -22.5055, 31.8789



46.3970, 7.6923, -40.6902



49.5550, 24.8694, -43.4597

Sweetspot

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



51.9330, -1.4460, 43.9088



112.9960, -0.4910, 17.5435



51.3970, 24.9473, 25.0848



54.6530, -0.3219, 9.9513



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



51.9330, -1.4460, 43.9088



54.8590, -2.3955, 68.5297



58.2300, -15.3964, 38.3863



47.6090, -0.3002, 2.9739



38.2610, -2.1007, 67.3001



80.4520, -4.6598, 141.6776

Inverse Universe

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



51.9330, -1.4460, 43.9088



54.8590, -2.3955, 68.5297



70.7700, 15.3964, -38.3863



47.6090, -0.3002, 2.9739



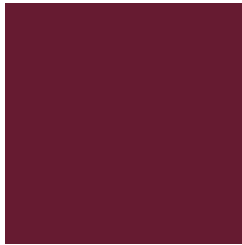
38.2610, -2.1007, 67.3001



80.4520, -4.6598, 141.6776

Previews

White Background



This preview shows how the YUV color 51.9330, -1.4460, 43.9088 looks on a white background.

Color Contrast Check

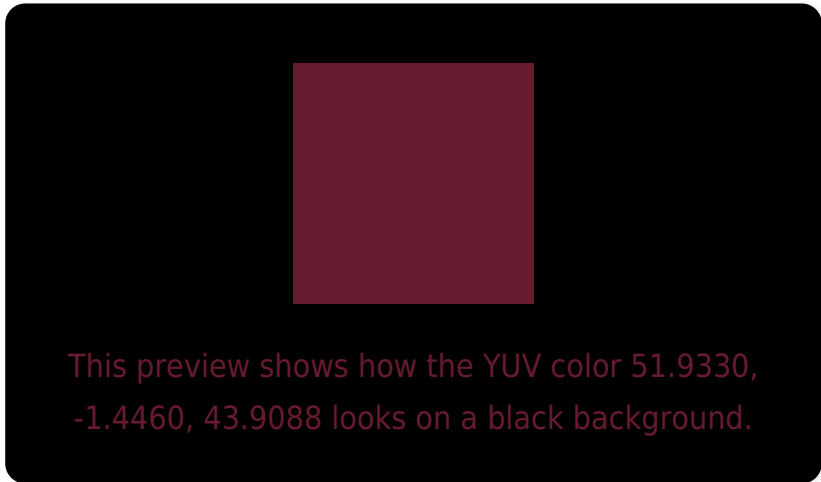
Large Text (above 18pt) WCAG AA ✓ Pass

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

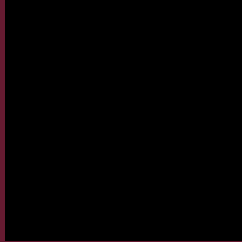
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9330, -1.4460, 43.9088

Background



This preview shows how black text looks on a background with the YUV color 51.9330, -1.4460, 43.9088.



This preview shows how white text looks on a background with the YUV color 51.9330, -1.4460,

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

51.9330, -1.4460, 43.9088

Protanopia

56.6130, 3.6418, -1.4146

Deuteranopia

56.5620, -5.7001, 8.2771



Tritanopia

52.0440, -9.8817, 42.9344

Trichromacy



Original Color

51.9330, -1.4460, 43.9088

Protanomaly

54.6690, 2.1352, 15.1993

Deuteranomaly

54.6930, -4.2856, 21.3172

Tritanomaly

52.1410, -6.9715, 42.8493

Monochromacy



Original Color

51.9330, -1.4460, 43.9088

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9850, -0.4856, 15.7992

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9330, -1.4460, 43.9088 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(102, 27, 49)` looks like.

```
.text, #text, p{  
    color:rgb(102, 27, 49)  
}
```

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(102, 27, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 27, 49) }
```

Border

The CSS property to change the border of an element to YUV 51.9330, -1.4460, 43.9088 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(102, 27, 49) }
```


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

```
.border{ border-color:rgb(102, 27, 49) }
```

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

Here you see how a box with a 4 pixel rgb(102, 27, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 27, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 27, 49);  
box-shadow:4px 4px 4px 4px rgb(102, 27,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 51.9330, -1.4460, 43.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 27, 49) }
```

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

```
.background{ background-color: rgb(102, 27,  
49) }
```

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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