

Converting Colors

YUV(58.4530, 0.2697, 100.4577)

Have a look what the booklet for
YUV(58.4530, 0.2697, 100.4577)
contains.

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Color

**YUV(58.4530, 0.2697,
100.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	AD003B
RGB	173, 0, 59
RGB Percent	68%, 0%, 23%
CMY	0.3216, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.66, 0.32
HSL	340°, 100%, 34%
HSV	340°, 100%, 68%
XYZ	18.0230, 9.2000, 4.9635
YIQ	58.4530, 84.1690, 55.0250

Conversions

Conversions Part 2

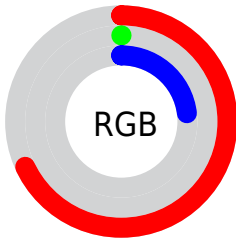
Format	Color
R_YB	173, 0, 59
Decimal	11337787
CIE Lab	36.37, 61.54, 18.84
CIE LCh	36, 64.356, 17.024
Yxy	9.2000, 0.5600, 0.2858
Android (android.graphics.Color)	4289527867 (0xFFAD003B)
YUV	58.4530, 0.2697, 100.4577
Hunter-Lab	30.3315, 52.9847, 11.5297

Details

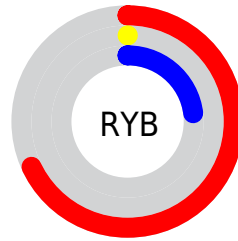
The YUV color **58.4530, 0.2697, 100.4577** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **114.5470, -0.2697, -100.4577**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7220, -11.2019, 93.2058**, and **35.8390, -8.7946, 67.6702** is the 20% darker color. If you saturate the color by 10%, you get **58.4530, 0.2697, 100.4577**, and if you desaturate by 10%, it is **69.6860, 0.1548, 90.6064**.

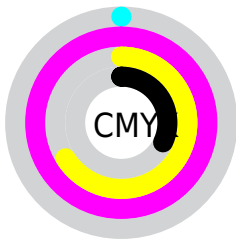
Distribution



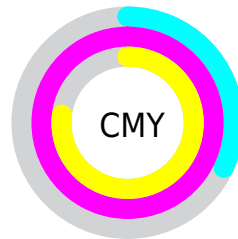
- Red (68%)
- Green (0%)
- Blue (23%)



- Red (68%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (32%)




- Cyan (32%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 58.4530, 0.2697, 100.4577 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 58.4530, 0.2697, 100.4577 by changing the saturation by 10% instead.


 58.4530, 0.2697,
100.4577

 58.4530, 0.2697,
100.4577


255.0000, 0.0000,
0.0000

 47.0890, -4.4809,
84.1139


 128.7220,
-11.2019, 93.2058

 35.8390, -8.7946,
67.6702


 154.5750,
-11.6225, 88.0727


 24.9310, -11.7980,
50.9265


 173.9750, -8.3687,
71.0589

 16.3740, -7.0864,
32.9980

 194.0760, -4.9675,
53.4303

 2.0930, -1.0318,
4.3034

 214.1770, -1.5663,
35.8018

 0.0000, 0.0000,
0.0000

 234.5060, 2.7085,

17.9732

253.8260, 0.5788,
1.0296

■ 58.4530, 0.2697,
100.4577

■ 69.6860, 0.1548,
90.6064

■ 81.6200, 0.1873,
80.1403

■ 92.8530, 0.0725,
70.2889

■ 104.2000, 0.3944,
60.3376

■ 116.0200, -0.0099,
49.9715

■ 127.2530, -0.1247,
40.1201

■ 138.6000, 0.1972,
30.1688

■ 149.8330, 0.0823,
20.3175

■ 161.7670, 0.1149,
9.8513

Harmonies

Analogous

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



66.2720, 21.5579, 85.7075



58.4530, 0.2697, 100.4577



74.9880, -34.9971, 71.9245

Triad

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



58.4530, 0.2697, 100.4577



59.2870, -29.2285, -51.9947



78.9580, 53.7577, -69.2462

Complementary

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



58.4530, 0.2697, 100.4577



114.5470, -0.2697, -100.4577

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.



80.5760, 39.6490, -70.6652



58.4530, 0.2697, 100.4577



69.0620, -4.4676, -60.5674

Square

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



58.4530, 0.2697, 100.4577



77.3260, -38.1217, 0.5911



75.9190, 19.2669, -66.5810



69.3380, 57.5144, -60.8094

Rectangle

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



58.4530, 0.2697, 100.4577



79.9930, -39.4365, 49.1181



75.9190, 19.2669, -66.5810



80.6220, 49.9794, -70.7055

Sweetspot

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



58.4530, 0.2697, 100.4577



179.6550, 0.1701, 38.8906



53.2100, 59.0565, 51.5588



85.5560, 0.2189, 23.1914



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



58.4530, 0.2697, 100.4577



75.7540, 0.6143, 130.0117



66.9890, -33.0256, 92.9716



81.0330, -0.0163, 5.2331



50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Inverse Universe

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



58.4530, 0.2697, 100.4577



75.7540, 0.6143, 130.0117



106.0110, 33.0256, -92.9716



81.0330, -0.0163, 5.2331



50.6640, 0.1656, 87.1177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 58.4530, 0.2697, 100.4577 looks on a white background.

Color Contrast Check

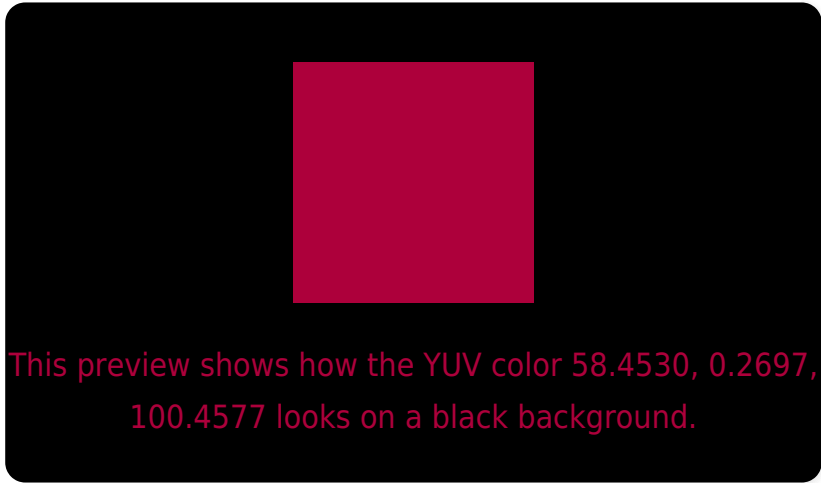
Large Text (above 18pt) WCAG AA ✓ Pass

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

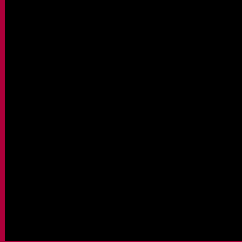
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.4530, 0.2697, 100.4577

Background



This preview shows how black text looks on a background with the YUV color 58.4530, 0.2697, 100.4577.



This preview shows how white text looks on a background with the YUV color 58.4530, 0.2697,

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

58.4530, 0.2697, 100.4577

Protanopia

88.4840, -0.7316, 1.3295

Deuteranopia

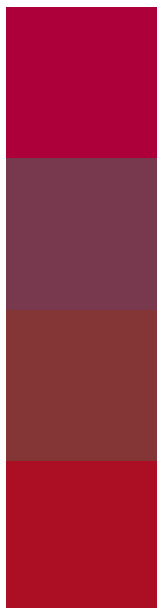
87.4140, -17.9521, 18.0539



Tritanopia

67.9100, -23.1266, 91.2869

Trichromacy



Original Color

58.4530, 0.2697, 100.4577

Protanomaly

77.5300, -0.2613, 37.2462

Deuteranomaly

76.7350, -11.2084, 48.4674

Tritanomaly

64.2230, -14.4069, 94.5204

Monochromacy



Original Color

58.4530, 0.2697, 100.4577

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2310, -0.1139, 36.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.4530, 0.2697, 100.4577 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(173, 0, 59)` looks like.

```
.text, #text, p{  
  color:rgb(173, 0, 59)  
}
```

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(173, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 59) }
```

Border

The CSS property to change the border of an element to YUV 58.4530, 0.2697, 100.4577 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(173, 0, 59) }
```


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

```
.border{ border-color:rgb(173, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.4530, 0.2697, 100.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 59) }
```

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

```
.background{ background-color: rgb(173, 0,  
59) }
```

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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