

Converting Colors

YUV(58.3670, -2.6459,
102.2871)

Have a look what the booklet for
YUV(58.3670, -2.6459, 102.2871)
contains.

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Color

**YUV(58.3670, -2.6459,
102.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	AF0035
RGB	175, 0, 53
RGB Percent	69%, 0%, 21%
CMY	0.3137, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.70, 0.31
HSL	342°, 100%, 34%
HSV	342°, 100%, 69%
XYZ	18.3218, 9.3710, 4.2113
YIQ	58.3670, 87.2870, 53.5830

Conversions

Conversions Part 2

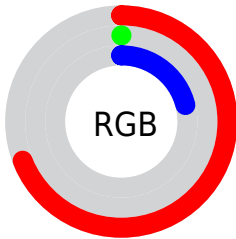
Format	Color
RYB	175, 0, 53
Decimal	11468853
CIELab	36.69, 61.73, 23.21
CIElCh	37, 65.943, 20.605
Yxy	9.3710, 0.5743, 0.2937
Android (android.graphics.Color)	4289658933 (0xFFAF0035)
YUV	58.3670, -2.6459, 102.2871
Hunter-Lab	30.6121, 53.2638, 13.2720

Details

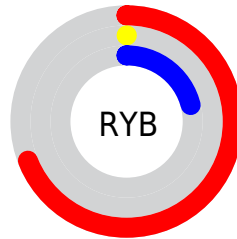
The YUV color **58.3670, -2.6459, 102.2871** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **116.6330, 2.6459, -102.2871**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5220, -14.5543, 95.1352**, and **35.2260, -12.4364, 69.0848** is the 20% darker color. If you saturate the color by 10%, you get **58.3670, -2.6459, 102.2871**, and if you desaturate by 10%, it is **69.7140, -2.3240, 92.3358**.

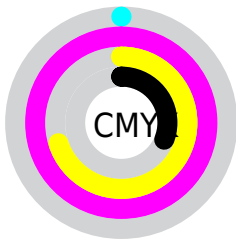
Distribution



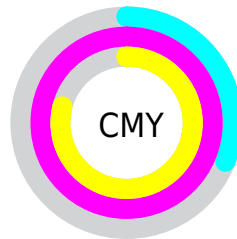
- Red (69%)
- Green (0%)
- Blue (21%)



- Red (69%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3670, -2.6459, 102.2871 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 58.3670, -2.6459, 102.2871 by changing the saturation by 10% instead.

■ 58.3670, -2.6459,
102.2871

■ 58.3670, -2.6459,
102.2871

255.0000, 0.0000,
0.0000

■ 46.7040, -7.2491,
85.3286

■ 128.5220,
-14.5543, 95.1352

■ 35.2260, -12.4364,
69.0848

■ 153.7770,
-14.6801, 88.7726

■ 25.2300, -11.9454,
51.5413

■ 173.7640,
-11.7157, 71.2440

■ 16.9720, -7.3812,
34.2276

■ 193.1640, -8.4619,
54.2302

■ 3.2890, -1.6215,
6.7625

■ 213.3790, -4.6238,
36.5016

■ 0.0000, 0.0000,
0.0000

■ 233.5940, -0.7858,

18.7731

253.8260, 0.5788,
1.0296

■ 58.3670, -2.6459,
102.2871

■ 69.7140, -2.3240,
92.3358

■ 81.6480, -2.2915,
81.8697

■ 93.6960, -1.8221,
71.3036

■ 105.0430, -1.5002,
61.3523

■ 116.9770, -1.4677,
50.8862

■ 128.3240, -1.1457,
40.9349

■ 139.6710, -0.8238,
30.9835

■ 151.7190, -0.3545,
20.4174

■ 163.6530, -0.3219,
9.9513

Harmonies

Analogous

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



62.5010, 20.9520, 93.3996



58.3670, -2.6459, 102.2871



76.5810, -37.7544, 69.6505

Triad

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



58.3670, -2.6459, 102.2871



60.4610, -29.8073, -53.0243



79.5280, 55.9417, -69.7461

Complementary

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



58.3670, -2.6459, 102.2871



116.6330, 2.6459, -102.2871

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.



81.3740, 42.7066, -71.3650



58.3670, -2.6459, 102.2871



70.4470, -1.6994, -61.7820

Square

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



58.3670, -2.6459, 102.2871



77.2930, -38.1054, -4.6420



77.3040, 22.0351, -67.7956



69.7730, 57.7929, -56.8059

Rectangle

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



58.3670, -2.6459, 102.2871



80.8570, -39.8625, 45.7294



77.3040, 22.0351, -67.7956



81.3060, 52.6001, -71.3054

Sweetspot

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



58.3670, -2.6459, 102.2871



181.6120, -1.2877, 39.8053



55.8300, 58.7508, 56.2771



87.0400, -0.5127, 24.5209



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



58.3670, -2.6459, 102.2871



75.7390, -3.3223, 132.6559



71.1090, -35.0567, 91.1124



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Inverse Universe

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



58.3670, -2.6459, 102.2871



75.7390, -3.3223, 132.6559



103.8910, 35.0567, -91.1124



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 58.3670, -2.6459, 102.2871 looks on a white background.

Color Contrast Check

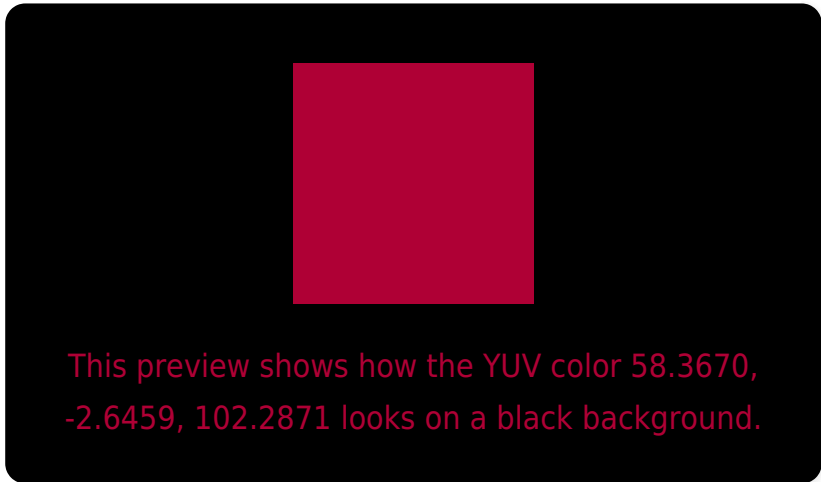
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.3670, -2.6459, 102.2871

Background



This preview shows how black text looks on a background with the YUV color 58.3670, -2.6459, 102.2871.



This preview shows how white text looks on a background with the YUV color 58.3670, -2.6459,

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

58.3670, -2.6459, 102.2871

Protanopia

89.0560, -4.9576, 3.4589

Deuteranopia

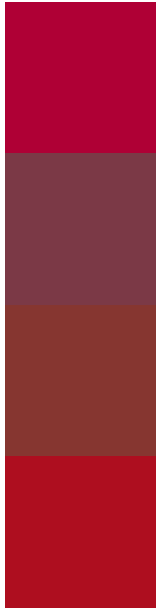
87.9150, -21.1571, 19.3685



Tritanopia

66.9920, -24.1531, 93.8460

Trichromacy



Original Color

58.3670, -2.6459, 102.2871

Protanomaly

78.2160, -4.0505, 39.2756

Deuteranomaly

77.2360, -14.4133, 49.7820

Tritanomaly

63.7780, -16.1596, 96.6647

Monochromacy



Original Color

58.3670, -2.6459, 102.2871

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3020, -1.1349, 37.4461

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3670, -2.6459, 102.2871 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(175, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(175, 0, 53)  
}
```

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(175, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 0, 53) }
```

Border

The CSS property to change the border of an element to YUV 58.3670, -2.6459, 102.2871 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(175, 0, 53) }
```


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

```
.border{ border-color:rgb(175, 0, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 0, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(175, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.3670, -2.6459, 102.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 0, 53) }
```

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

```
.background{ background-color: rgb(175, 0,  
53) }
```

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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