

Converting Colors

YUV(60.8880, 0.5482, 104.4612)

Have a look what the booklet for
YUV(60.8880, 0.5482, 104.4612)
contains.

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Color

**YUV(60.8880, 0.5482,
104.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	B4003E
RGB	180, 0, 62
RGB Percent	71%, 0%, 24%
CMY	0.2941, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.66, 0.29
HSL	339°, 100%, 35%
HSV	339°, 100%, 71%
XYZ	19.6919, 10.0511, 5.4596
YIQ	60.8880, 87.3780, 57.4420

Conversions

Conversions Part 2

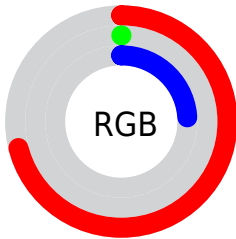
Format	Color
RYB	180, 0, 62
Decimal	11796542
CIELab	37.93, 63.39, 19.24
CIElCh	38, 66.242, 16.884
Yxy	10.0511, 0.5594, 0.2855
Android (android.graphics.Color)	4289986622 (0xFFB4003E)
YUV	60.8880, 0.5482, 104.4612
Hunter-Lab	31.7035, 55.3902, 11.9822

Details

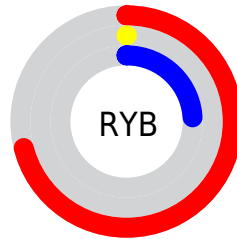
The YUV color **60.8880, 0.5482, 104.4612** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119.1120, -0.5482, -104.4612**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3310, -11.5022, 96.1797**, and **37.9750, -8.3687, 71.0589** is the 20% darker color. If you saturate the color by 10%, you get **60.8880, 0.5482, 104.4612**, and if you desaturate by 10%, it is **72.8220, 0.5808, 93.9951**.

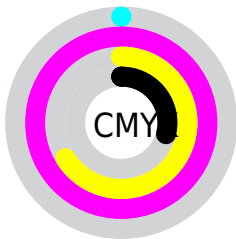
Distribution



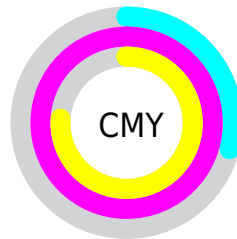
- Red (71%)
- Green (0%)
- Blue (24%)



- Red (71%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 60.8880, 0.5482, 104.4612 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 60.8880, 0.5482, 104.4612 by changing the saturation by 10% instead.


 60.8880, 0.5482,
104.4612


 60.8880, 0.5482,
104.4612


255.0000, 0.0000,
0.0000


 49.2250, -4.0549,
87.5027


 132.3310,
-11.5022, 96.1797

 37.9750, -8.3687,
71.0589


 156.0910,
-10.8909, 86.7432

 26.7250, -12.6824,
54.6152

 175.4910, -7.6371,
69.7294

 18.5810, -7.6814,
37.2015

 195.5920, -4.2359,
52.1008

 7.2900, -3.1010,
14.6547

 215.8070, -0.3979,
34.3723

 0.0000, 0.0000,
0.0000

 236.6090, 3.1508,

16.1289

■ 60.8880, 0.5482,
104.4612

■ 72.8220, 0.5808,
93.9951

■ 84.7560, 0.6133,
83.5290

■ 96.5760, 0.2090,
73.1628

■ 108.5100, 0.2416,
62.6967

■ 120.4440, 0.2741,
52.2306

■ 132.3780, 0.3066,
41.7645

■ 144.3120, 0.3392,
31.2984

■ 156.1320, -0.0651,
20.9322

■ 168.0660, -0.0325,
10.4661

Harmonies

Analogous

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



69.5220, 22.4207, 88.9962



60.8880, 0.5482, 104.4612



77.9560, -36.4603, 74.5836

Triad

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



60.8880, 0.5482, 104.4612



62.2220, -30.6754, -54.5687



82.6910, 55.3683, -72.5200

Complementary

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



60.8880, 0.5482, 104.4612



119.1120, -0.5482, -104.4612

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.



83.6080, 41.1123, -73.3242



60.8880, 0.5482, 104.4612



71.7520, -4.3147, -62.9265

Square

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



60.8880, 0.5482, 104.4612



80.8700, -39.8689, 0.9910



79.3100, 19.5672, -69.5549



72.4840, 59.4144, -63.5685

Rectangle

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



60.8880, 0.5482, 104.4612



83.5480, -41.1892, 51.2624



79.3100, 19.5672, -69.5549



83.7680, 51.8794, -73.4645

Sweetspot

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



60.8880, 0.5482, 104.4612



187.9650, 0.0173, 41.2497



55.5030, 61.3770, 53.9329



89.2680, 0.3609, 24.3210



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



60.8880, 0.5482, 104.4612



79.4990, 0.7400, 136.3744



69.6690, -34.3468, 96.7603



83.0330, -0.0163, 5.2331



51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Inverse Universe

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



60.8880, 0.5482, 104.4612



79.4990, 0.7400, 136.3744



110.3310, 34.3468, -96.7603



83.0330, -0.0163, 5.2331



51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 60.8880, 0.5482, 104.4612 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 × Fail

Black Background



This preview shows how the YUV color 60.8880, 0.5482, 104.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

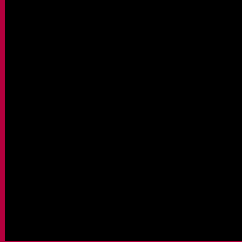
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.8880, 0.5482, 104.4612

Background



This preview shows how black text looks on a background with the YUV color 60.8880, 0.5482, 104.4612.



This preview shows how white text looks on a background with the YUV color 60.8880, 0.5482,

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

60.8880, 0.5482, 104.4612

Protanopia

92.4840, -0.7316, 1.3295

Deuteranopia

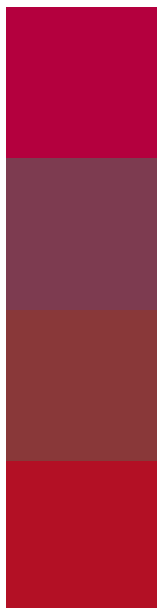
91.3000, -18.3889, 18.1539



Tritanopia

70.7040, -24.0111, 94.9756

Trichromacy



Original Color

60.8880, 0.5482, 104.4612

Protanomaly

81.1280, -0.5561, 38.4757

Deuteranomaly

80.3330, -11.5032, 49.6970

Tritanomaly

67.1310, -14.8546, 98.1091

Monochromacy



Original Color

60.8880, 0.5482, 104.4612

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9430, 0.0281, 37.7610

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.8880, 0.5482, 104.4612 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(180, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(180, 0, 62)  
}
```

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(180, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 0, 62) }
```

Border

The CSS property to change the border of an element to YUV 60.8880, 0.5482, 104.4612 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(180, 0, 62) }
```


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

```
.border{ border-color:rgb(180, 0, 62) }
```

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

Here you see how a box with a 4 pixel rgb(180, 0, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(180, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.8880, 0.5482, 104.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 0, 62) }
```

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

```
.background{ background-color: rgb(180, 0,  
62) }
```

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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