

Converting Colors

YUV(57.8190, 8.4702, 83.4737)

Have a look what the booklet for
YUV(57.8190, 8.4702, 83.4737)
contains.

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Color

**YUV(57.8190, 8.4702,
83.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	99064B
RGB	153, 6, 75
RGB Percent	60%, 2%, 29%
CMY	0.4000, 0.9765, 0.7059
CMYK	0.00, 0.96, 0.51, 0.40
HSL	332°, 92%, 31%
HSV	332°, 96%, 60%
XYZ	14.4720, 7.4106, 7.3242
YIQ	57.8190, 65.4630, 52.6230

Conversions

Conversions Part 2

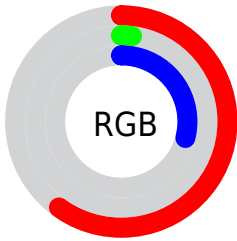
Format	Color
R_{YB}	153, 6, 75
Decimal	10028619
CIE _{Lab}	32.72, 56.98, 2.67
CIE _{LCh}	33, 57.039, 2.681
Yxy	7.4106, 0.4955, 0.2537
Android (android.graphics.Color)	4288218699 (0xFF99064B)
YUV	57.8190, 8.4702, 83.4737
Hunter-Lab	27.2223, 47.2555, 3.1035

Details

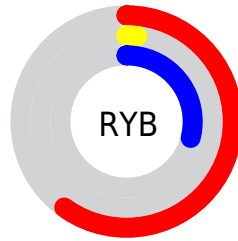
The YUV color **57.8190, 8.4702, 83.4737** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **101.1810, -8.4702, -83.4737**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6090, 0.1928, 78.3959**, and **32.0530, -0.0261, 55.2045** is the 20% darker color. If you saturate the color by 10%, you get **53.9550, 8.8962, 86.8625**, and if you desaturate by 10%, it is **67.5360, 7.6238, 74.9519**.

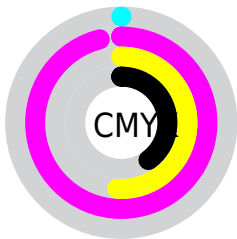
Distribution



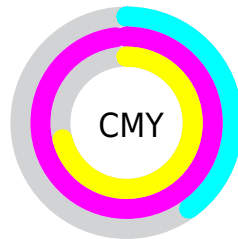
- Red (60%)
- Green (2%)
- Blue (29%)



- Red (60%)
- Yellow (2%)
- Blue (29%)



- Cyan (0%)
- Magenta (96%)
- Yellow (51%)
- Black (40%)




- Cyan (40%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 57.8190, 8.4702, 83.4737 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 57.8190, 8.4702, 83.4737 by changing the saturation by 10% instead.


 57.8190, 8.4702,
83.4737


 57.8190, 8.4702,
83.4737


255.0000, 0.0000,
0.0000


 43.1180, 4.8718,
70.9335


 122.6090, 0.1928,
78.3959


 32.0530, -0.0261,
55.2045

 151.2780, -1.1231,
80.4402

 21.4290, -7.1135,
41.7198

 174.3800, 0.7987,
70.7037

 11.7750, -5.3121,
23.8763


 193.8940, 4.4893,
53.5900

 0.0000, 0.0000,
0.0000

 213.5220, 8.6167,
36.3762


 233.2810, 10.7075,


19.0476

 250.8910, 2.0257,
3.6036

 57.8190, 8.4702,
83.4737

 57.8190, 8.4702,
83.4737


 53.9550, 8.8962,
86.8625

 67.5360, 7.6238,
74.9519

 77.8400, 6.4879,
65.9153

 87.5570, 5.6414,
57.3935

 97.2740, 4.7949,
48.8717

 107.6920, 4.0958,
39.7351

■ 117.4090, 3.2494,
31.2133

■ 127.1260, 2.4029,
22.6915

■ 136.8430, 1.5564,
14.1697

■ 147.1470, 0.4205,
5.1331

Harmonies

Analogous

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



72.9920, 22.6819, 51.7500



57.8190, 8.4702, 83.4737



65.6950, -17.1046, 73.0585

Triad

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



57.8190, 8.4702, 83.4737



64.8120, -31.9523, -18.2521



71.9020, 41.9533, -63.0581

Complementary

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



57.8190, 8.4702, 83.4737



101.1810, -8.4702, -83.4737

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.



70.6020, 26.8182, -61.9180



57.8190, 8.4702, 83.4737



58.2390, -12.9358, -51.0756

Square

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



57.8190, 8.4702, 83.4737



72.4080, -35.6971, 16.3052



65.4720, 7.1623, -57.4189



67.2860, 49.6520, -59.0098

Rectangle

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



57.8190, 8.4702, 83.4737



69.7150, -34.3695, 57.2549



65.4720, 7.1623, -57.4189



72.1640, 37.8801, -63.2878

Sweetspot

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



57.8190, 8.4702, 83.4737



161.4200, 3.2439, 32.9577



45.4820, 53.0064, 32.0263



76.9900, 1.9769, 19.3028



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



57.8190, 8.4702, 83.4737



70.1030, 11.2882, 113.0427



51.1270, -22.2476, 89.3426



71.7340, 0.1311, 4.6183



49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Inverse Universe

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



57.8190, 8.4702, 83.4737



70.1030, 11.2882, 113.0427



107.8730, 22.2476, -89.3426



71.7340, 0.1311, 4.6183



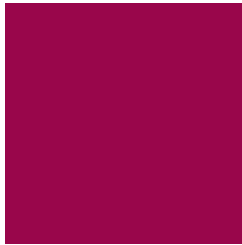
49.3840, 8.1917, 79.4702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 57.8190, 8.4702, 83.4737 looks on a white background.

Color Contrast Check

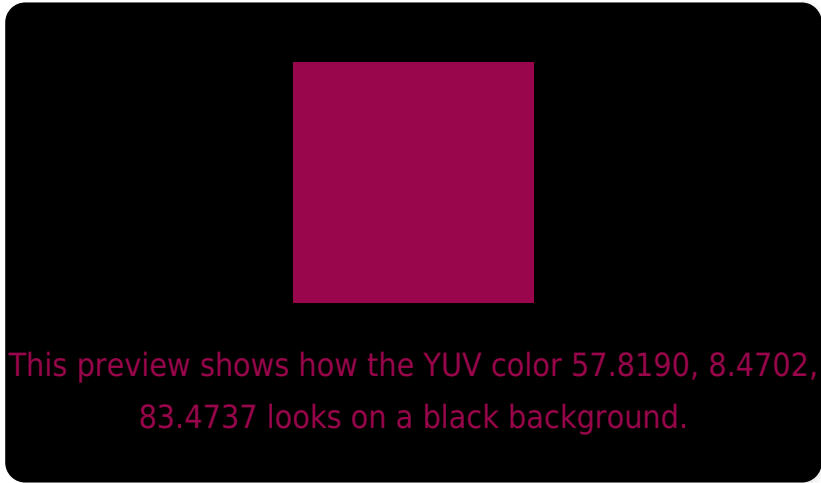
Large Text (above 18pt) WCAG AA ✓ Pass

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

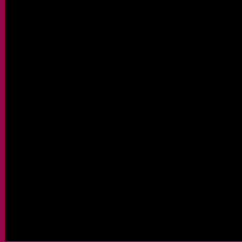
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8190, 8.4702, 83.4737

Background



This preview shows how black text looks on a background with the YUV color 57.8190, 8.4702, 83.4737.



This preview shows how white text looks on a background with the YUV color 57.8190, 8.4702, 83.4737.

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

57.8190, 8.4702, 83.4737

Protanopia

79.9140, 13.8464, -7.8176

Deuteranopia

80.2740, -5.5581, 9.4067



Tritanopia

66.1790, -17.8362, 74.3880

Trichromacy



Original Color

57.8190, 8.4702, 83.4737

Protanomaly

71.6670, 11.9962, 25.7250

Deuteranomaly

72.1170, -0.5507, 36.7314

Tritanomaly

63.0190, -8.3904, 78.0363

Monochromacy



Original Color

57.8190, 8.4702, 83.4737

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9960, 2.9600, 30.6985

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8190, 8.4702, 83.4737 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(153, 6, 75)` looks like.

```
.text, #text, p{  
    color:rgb(153, 6, 75)  
}
```

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(153, 6, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 6, 75) }
```

Border

The CSS property to change the border of an element to YUV 57.8190, 8.4702, 83.4737 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(153, 6, 75) }
```


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

```
.border{ border-color:rgb(153, 6, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 6, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 6, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 6, 75);  
box-shadow:4px 4px 4px 4px rgb(153, 6, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.8190, 8.4702, 83.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 6, 75) }
```

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

```
.background{ background-color: rgb(153, 6,  
75) }
```

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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