

Converting Colors

YUV(48.5000, 2.2185, 81.9995)

Have a look what the booklet for
YUV(48.5000, 2.2185, 81.9995)
contains.

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Color

**YUV(48.5000, 2.2185,
81.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0035
RGB	142, 0, 53
RGB Percent	56%, 0%, 21%
CMY	0.4431, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.63, 0.44
HSL	338°, 100%, 28%
HSV	338°, 100%, 56%
XYZ	11.7979, 6.0078, 3.9060
YIQ	48.5000, 67.6190, 46.5870

Conversions

Conversions Part 2

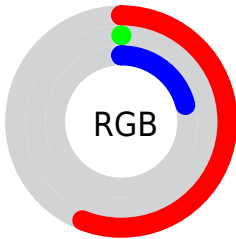
Format	Color
RYB	142, 0, 53
Decimal	9306165
CIELab	29.43, 53.59, 12.37
CIELCh	29, 54.998, 12.999
Yxy	6.0078, 0.5434, 0.2767
Android (android.graphics.Color)	4287496245 (0xFF8E0035)
YUV	48.5000, 2.2185, 81.9995
Hunter-Lab	24.5109, 43.0243, 7.7094

Details

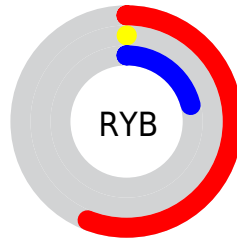
The YUV color **48.5000, 2.2185, 81.9995** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **93.5000, -2.2185, -81.9995**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0620, -6.9326, 77.1216**, and **26.0280, -8.8878, 50.8414** is the 20% darker color. If you saturate the color by 10%, you get **48.5000, 2.2185, 81.9995**, and if you desaturate by 10%, it is **57.7440, 2.0982, 73.8925**.

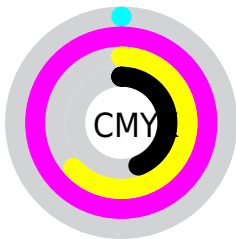
Distribution



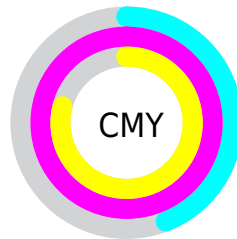
- Red (56%)
- Green (0%)
- Blue (21%)



- Red (56%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5000, 2.2185, 81.9995 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 48.5000, 2.2185, 81.9995 by changing the saturation by 10% instead.

48.5000, 2.2185,
81.9995

48.5000, 2.2185,
81.9995

255.0000, 0.0000,
0.0000

37.4350, -2.6795,
66.2705

113.0620, -6.9326,
77.1216

26.0280, -8.8878,
50.8414

141.6170, -8.6852,
79.2659

17.5700, -7.6760,
35.4571

167.3070, -8.5324,
76.9068

5.6810, -2.8007,
11.6808

186.7070, -5.2786,
59.8930

0.0000, 0.0000,
0.0000

206.3350, -1.1512,
42.6792

226.5500, 2.6869,

24.9507

246.1950, 4.3409,
7.7220

48.5000, 2.2185,
81.9995

57.7440, 2.0982,
73.8925

66.9880, 1.9779,
65.7855

76.8190, 1.5682,
57.1637

86.0630, 1.4479,
49.0567

95.3070, 1.3276,
40.9498

■ 104.4370, 0.7706,
32.9428

■ 113.6810, 0.6503,
24.8358

■ 123.5120, 0.2406,
16.2140

■ 132.7560, 0.1203,
8.1070

Harmonies

Analogous

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



58.2170, 18.1340, 63.8307



48.5000, 2.2185, 81.9995



60.2670, -24.7816, 62.0328

Triad

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



48.5000, 2.2185, 81.9995



49.9280, -24.6145, -38.5249



64.8750, 42.9526, -56.8954

Complementary

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



48.5000, 2.2185, 81.9995



93.5000, -2.2185, -81.9995

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.



64.9600, 30.5857, -56.9699



48.5000, 2.2185, 81.9995



55.3840, -6.1053, -48.5718

Square

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



48.5000, 2.2185, 81.9995



63.4820, -31.2966, 4.8393



60.9870, 12.8244, -53.4856



58.0590, 47.2989, -50.9177

Rectangle

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



48.5000, 2.2185, 81.9995



64.3220, -31.7107, 44.4446



60.9870, 12.8244, -53.4856



65.9520, 39.4637, -57.8399

Sweetspot

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



48.5000, 2.2185, 81.9995



147.7250, 0.6286, 31.8132



42.5000, 49.0535, 39.9035



70.2350, 0.3771, 19.0879



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



48.5000, 2.2185, 81.9995



62.8820, 3.0162, 106.2205



52.4370, -25.8514, 78.5468



66.4350, 0.2785, 4.0035



46.0650, 1.9400, 77.9960



2.7340, 0.1311, 4.6183

Inverse Universe

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



48.5000, 2.2185, 81.9995



62.8820, 3.0162, 106.2205



89.5630, 25.8514, -78.5468



66.4350, 0.2785, 4.0035



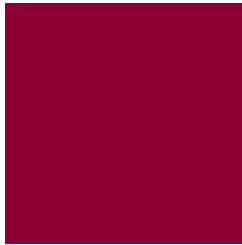
46.0650, 1.9400, 77.9960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 48.5000, 2.2185, 81.9995 looks on a white background.

Color Contrast Check

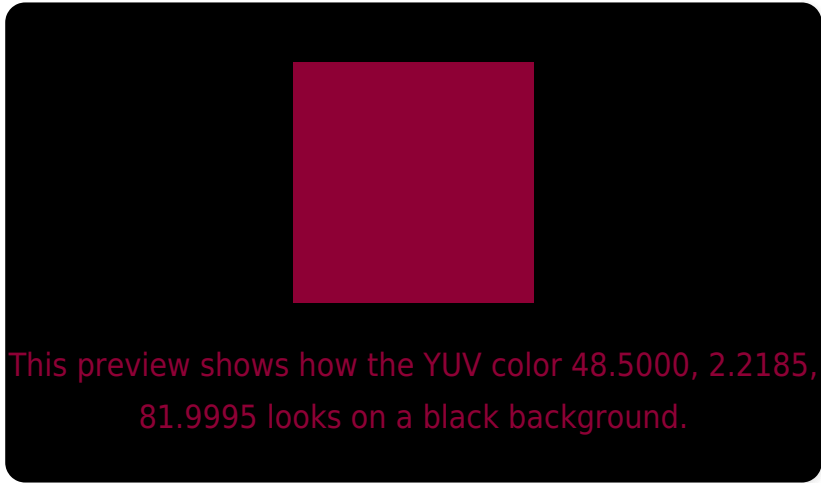
Large Text (above 18pt) WCAG AA ✓ Pass

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

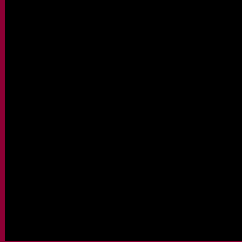
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.5000, 2.2185, 81.9995

Background



This preview shows how black text looks on a background with the YUV color 48.5000, 2.2185, 81.9995.



This preview shows how white text looks on a background with the YUV color 48.5000, 2.2185,

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

48.5000, 2.2185, 81.9995

Protanopia

72.9830, 2.4734, 0.0149

Deuteranopia

72.7600, -12.6997, 13.3655



Tritanopia

56.7660, -18.1256, 73.8732

Trichromacy



Original Color

48.5000, 2.2185, 81.9995

Protanomaly

64.1700, 2.3812, 29.6689

Deuteranomaly

64.2930, -7.5394, 38.3310

Tritanomaly

53.4380, -10.5689, 76.7919

Monochromacy



Original Color

48.5000, 2.2185, 81.9995

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7140, 0.6340, 30.0688

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5000, 2.2185, 81.9995 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(142, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 0, 53) }
```

Border

The CSS property to change the border of an element to YUV 48.5000, 2.2185, 81.9995 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(142, 0, 53) }
```


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

```
.border{ border-color:rgb(142, 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(142, 0, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(142, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5000, 2.2185, 81.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 0, 53) }
```

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

```
.background{ background-color: rgb(142, 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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