

Converting Colors

YUV(49.9890, -16.2636,
83.3246)

Have a look what the booklet for
YUV(49.9890, -16.2636, 83.3246)
contains.

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Color

**YUV(49.9890, -16.2636,
83.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	910811
RGB	145, 8, 17
RGB Percent	57%, 3%, 7%
CMY	0.4314, 0.9686, 0.9333
CMYK	0.00, 0.94, 0.88, 0.43
HSL	356°, 90%, 30%
HSV	356°, 94%, 57%
XYZ	11.8651, 6.2339, 1.1082
YIQ	49.9890, 78.7630, 31.8430

Conversions

Conversions Part 2

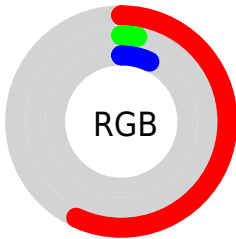
Format	Color
R_{YB}	145, 8, 17
Decimal	9504785
CIE Lab	30.00, 51.63, 35.96
CIE LCh	30, 62.922, 34.854
Yxy	6.2339, 0.6177, 0.3246
Android (android.graphics.Color)	4287694865 (0xFF910811)
YUV	49.9890, -16.2636, 83.3246
Hunter-Lab	24.9677, 41.1325, 14.8458

Details

The YUV color **49.9890, -16.2636, 83.3246** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **103.0110, 16.2636, -83.3246**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9860, -25.1361, 82.4503**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **44.4950, -17.0060, 88.1429**, and if you desaturate by 10%, it is **60.3900, -14.4893, 74.2030**.

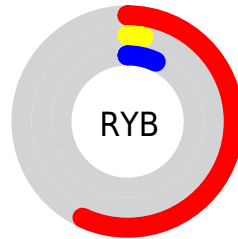
Distribution



Red (57%)

Green (3%)

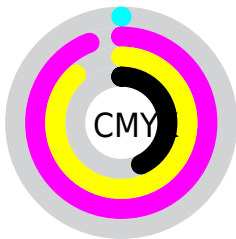
Blue (7%)



Red (57%)

Yellow (3%)

Blue (7%)

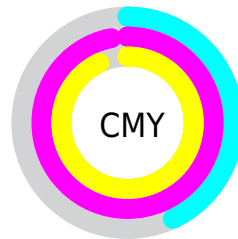


Cyan (0%)

Magenta (94%)

Yellow (88%)

Black (43%)



Cyan (43%)


Magenta (97%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 49.9890, -16.2636, 83.3246 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 49.9890, -16.2636, 83.3246 by changing the saturation by 10% instead.


 49.9890, -16.2636,
83.3246

 49.9890, -16.2636,
83.3246


 253.7460, -4.8048,
1.0998

 34.3850, -16.9518,
70.6994


 111.9860,
-25.1361, 82.4503


 25.4150, -12.5296,
52.2560

 140.0250,
-27.6203, 85.9241


 17.8690, -7.8234,
36.0719

 163.8070,
-27.0199, 79.9763

 5.6810, -2.8007,
11.6808


 183.0930,
-24.2028, 63.0624


 0.0000, 0.0000,
0.0000


 202.6070,
-20.5123, 45.9487


 222.7080,


-17.1110, 28.3201


 242.9230,
-13.2730, 10.5915


 49.9890, -16.2636,
83.3246


 49.9890, -16.2636,
83.3246

 44.4950, -17.0060,
88.1429

 60.3900, -14.4893,
74.2030

 70.0900, -12.8624,
65.6961

 80.4910, -11.0881,
56.5744

 90.1910, -9.4612,
48.0675

 100.5920, -7.6869,
38.9458

■ 110.2920, -6.0600,
30.4389

■ 120.6930, -4.2856,
21.3172

■ 130.3930, -2.6587,
12.8103

■ 140.7940, -0.8844,
3.6887

Harmonies

Analogous

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



52.8580, 5.9860, 86.9475



49.9890, -16.2636, 83.3246



65.5180, -32.3004, 46.9037

Triad

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



49.9890, -16.2636, 83.3246



54.3920, -14.9833, -47.7018



63.4050, 52.5513, -55.6062

Complementary

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



49.9890, -16.2636, 83.3246



103.0110, 16.2636, -83.3246

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.



68.7220, 45.0001, -60.2692



49.9890, -16.2636, 83.3246



61.7220, 8.0251, -54.1302

Square

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



49.9890, -16.2636, 83.3246



56.1960, -27.7046, -27.3589



67.1940, 28.9914, -58.9291



69.9780, 40.4368, 3.5273

Rectangle

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



49.9890, -16.2636, 83.3246



66.8480, -32.9561, 23.8123



67.1940, 28.9914, -58.9291



66.3400, 51.1044, -58.1802

Sweetspot

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



49.9890, -16.2636, 83.3246



152.1890, -6.5022, 32.2832



61.8900, 40.9732, 64.9945



71.7960, -3.8434, 19.4729



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



49.9890, -16.2636, 83.3246



57.8790, -22.6183, 114.9931



83.5960, -37.2688, 53.8513



66.2070, -0.5951, 4.2035



41.3910, -15.9688, 82.0951



2.5060, -0.7425, 4.8182

Inverse Universe

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



49.9890, -16.2636, 83.3246



57.8790, -22.6183, 114.9931



69.4040, 37.2688, -53.8513



66.2070, -0.5951, 4.2035



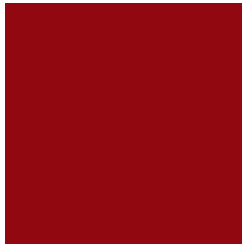
41.3910, -15.9688, 82.0951



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 49.9890, -16.2636, 83.3246 looks on a white background.

Color Contrast Check

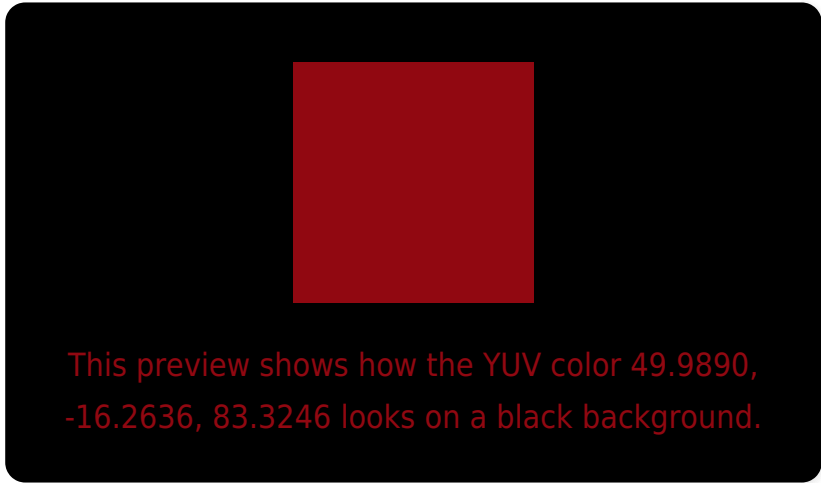
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9890, -16.2636, 83.3246

Background



This preview shows how black text looks on a background with the YUV color 49.9890, -16.2636, 83.3246.



This preview shows how white text looks on a background with the YUV color 49.9890, -16.2636,

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

49.9890, -16.2636, 83.3246

Protanopia

71.3760, -20.3984, 9.3172

Deuteranopia

68.8970, -33.9662, 21.1383



Tritanopia

50.9860, -25.1361, 82.4503

Trichromacy



Original Color

49.9890, -16.2636, 83.3246

Protanomaly

63.5950, -19.0273, 36.3122

Deuteranomaly

61.7610, -27.4902, 44.0596

Tritanomaly

50.4960, -21.9365, 82.8800

Monochromacy



Original Color

49.9890, -16.2636, 83.3246

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.2920, -6.0600, 30.4389

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9890, -16.2636, 83.3246 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(145, 8, 17)` looks like.

```
.text, #text, p{  
    color:rgb(145, 8, 17)  
}
```

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(145, 8, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 8, 17) }
```

Border

The CSS property to change the border of an element to YUV 49.9890, -16.2636, 83.3246 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(145, 8, 17) }
```


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

```
.border{ border-color:rgb(145, 8, 17) }
```

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

Here you see how a box with a 4 pixel rgb(145, 8, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 8, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 8, 17);  
box-shadow:4px 4px 4px 4px rgb(145, 8, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9890, -16.2636, 83.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 8, 17) }
```

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

```
.background{ background-color: rgb(145, 8,  
17) }
```

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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