

Converting Colors

YUV(48.5670, -19.5065,
96.8497)

Have a look what the booklet for
YUV(48.5670, -19.5065, 96.8497)
contains.

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Color

**YUV(48.5670, -19.5065,
96.8497)**

Conversions

Conversions Part 1

Format	Color
Hex	9F0009
RGB	159, 0, 9
RGB Percent	62%, 0%, 4%
CMY	0.3765, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.94, 0.38
HSL	357°, 100%, 31%
HSV	357°, 100%, 62%
XYZ	14.3474, 7.3907, 0.9288
YIQ	48.5670, 91.8750, 36.5070

Conversions

Conversions Part 2

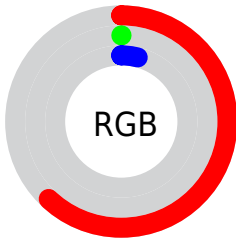
Format	Color
R_{YB}	159, 0, 9
Decimal	10420233
CIE Lab	32.68, 56.40, 43.06
CIE LCh	33, 70.956, 37.363
Yxy	7.3907, 0.6330, 0.3261
Android (android.graphics.Color)	4288610313 (0xFF9F0009)
YUV	48.5670, -19.5065, 96.8497
Hunter-Lab	27.1858, 46.6290, 17.0044

Details

The YUV color **48.5670, -19.5065, 96.8497** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **110.4330, 19.5065, -96.8497**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0860, -30.1154, 92.8866**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **48.5670, -19.5065, 96.8497**, and if you desaturate by 10%, it is **59.6690, -17.5848, 87.1133**.

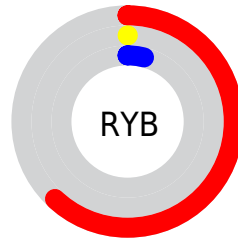
Distribution



Red (62%)

Green (0%)

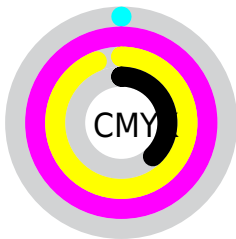
Blue (4%)



Red (62%)

Yellow (0%)

Blue (4%)

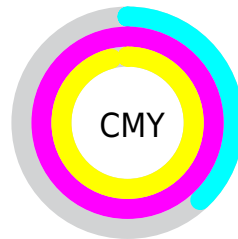


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (38%)



Cyan (38%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 48.5670, -19.5065, 96.8497 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 48.5670, -19.5065, 96.8497 by changing the saturation by 10% instead.


 48.5670, -19.5065,
96.8497


 48.5670, -19.5065,
96.8497


 253.0620, -7.4256,
1.6996


 38.2720, -18.8681,
78.6915


 116.0860,
-30.1154, 92.8866


 29.0030, -14.2985,
59.6334

 144.7120,
-32.8890, 95.8456

 20.8590, -9.2975,
42.2197

 164.2970,
-30.2194, 79.5465

 11.4760, -5.1647,
23.2615

 183.5830,
-27.4024, 62.6327


 0.0000, 0.0000,
0.0000


 203.6840,
-24.0012, 45.0041


 223.1980,


-20.3106, 27.8904


 243.8860,
-17.1988, 9.7470


 48.5670, -19.5065,
96.8497

 59.6690, -17.5848,
87.1133

 70.7710, -15.6631,
77.3768

 81.8730, -13.7414,
67.6404

 92.9750, -11.8197,
57.9039

 104.0770, -9.8980,
48.1675

■ 114.5920, -7.6869,
38.9458

■ 125.6940, -5.7651,
29.2094

■ 136.7960, -3.8434,
19.4729

■ 147.8980, -1.9217,
9.7365

Harmonies

Analogous

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



58.3540, 3.7695, 97.9135



48.5670, -19.5065, 96.8497



71.7310, -35.3634, 49.3479

Triad

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



48.5670, -19.5065, 96.8497



59.6580, -15.1144, -52.3201



69.2070, 59.5509, -60.6945

Complementary

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



48.5670, -19.5065, 96.8497



110.4330, 19.5065, -96.8497

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.



75.9260, 52.2945, -66.5871



48.5670, -19.5065, 96.8497



67.7860, 10.9515, -59.4483

Square

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



48.5670, -19.5065, 96.8497



54.0150, -26.6294, -45.6172



74.6430, 34.6860, -65.4619



76.5750, 45.0725, 10.0197

Rectangle

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



48.5670, -19.5065, 96.8497



72.4520, -35.7188, 23.2826



74.6430, 34.6860, -65.4619



72.8430, 58.2514, -63.8833

Sweetspot

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



48.5670, -19.5065, 96.8497



163.8800, -7.8288, 37.8162



62.3780, 47.6346, 75.0905



78.5900, -4.7279, 23.1616



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



48.5670, -19.5065, 96.8497



63.2610, -25.2717, 126.0591



88.0440, -43.4057, 62.2284



73.5060, -0.7425, 4.8182



43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Inverse Universe

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



48.5670, -19.5065, 96.8497



63.2610, -25.2717, 126.0591



70.9560, 43.4057, -62.2284



73.5060, -0.7425, 4.8182



43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 48.5670, -19.5065, 96.8497 looks on a white background.

Color Contrast Check

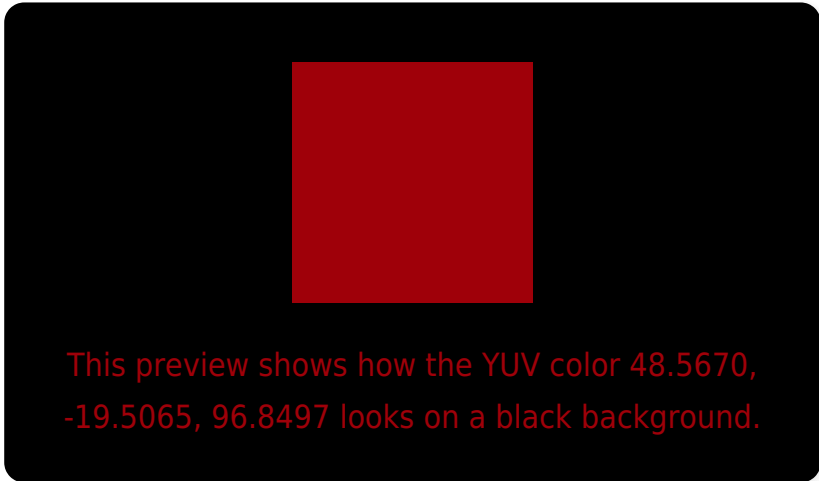
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5670, -19.5065, 96.8497

Background



This preview shows how black text looks on a background with the YUV color 48.5670, -19.5065, 96.8497.



This preview shows how white text looks on a background with the YUV color 48.5670, -19.5065,

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

48.5670, -19.5065, 96.8497

Protanopia

76.6060, -25.9348, 11.7465

Deuteranopia

74.8110, -36.8818, 22.9678



Tritanopia

56.0470, -27.6312, 89.4128

Trichromacy



Original Color

48.5670, -19.5065, 96.8497

Protanomaly

66.4880, -23.4116, 42.5450

Deuteranomaly

64.9960, -30.5640, 49.9925

Tritanomaly

53.4540, -24.8738, 91.6868

Monochromacy



Original Color

48.5670, -19.5065, 96.8497

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.6840, -7.2392, 35.3571

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5670, -19.5065, 96.8497 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(159, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 9)  
}
```

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(159, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 9) }
```

Border

The CSS property to change the border of an element to YUV 48.5670, -19.5065, 96.8497 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(159, 0, 9) }
```


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

```
.border{ border-color:rgb(159, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(159, 0, 9); box-shadow:4px  
4px 4px 4px rgb(159, 0, 9) }
```

Background

The CSS property to change the background color of an element to YUV 48.5670, -19.5065, 96.8497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 9) }
```

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

```
.background{ background-color: rgb(159, 0,  
9) }
```

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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