

Converting Colors

YUV(49.5870, -16.5584,
84.5542)

Have a look what the booklet for
YUV(49.5870, -16.5584, 84.5542)
contains.

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Color

**YUV(49.5870, -16.5584,
84.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	920710
RGB	146, 7, 16
RGB Percent	57%, 3%, 6%
CMY	0.4275, 0.9725, 0.9373
CMYK	0.00, 0.95, 0.89, 0.43
HSL	356°, 91%, 30%
HSV	356°, 95%, 57%
XYZ	12.0236, 6.3004, 1.0726
YIQ	49.5870, 79.9550, 32.2670

Conversions

Conversions Part 2

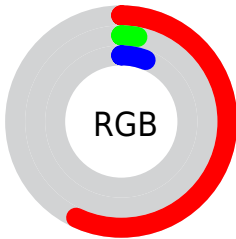
Format	Color
RYB	146, 7, 16
Decimal	9570064
CIELab	30.16, 52.04, 36.71
CIELCh	30, 63.685, 35.199
Yxy	6.3004, 0.6199, 0.3248
Android (android.graphics.Color)	4287760144 (0xFF920710)
YUV	49.5870, -16.5584, 84.5542
Hunter-Lab	25.1005, 41.5786, 15.0368

Details

The YUV color **49.5870, -16.5584, 84.5542** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **103.4130, 16.5584, -84.5542**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4700, -25.8677, 83.7798**, and **25.7140, -12.6770, 52.8708** is the 20% darker color. If you saturate the color by 10%, you get **44.6800, -17.5902, 88.8576**, and if you desaturate by 10%, it is **59.9880, -14.7841, 75.4325**.

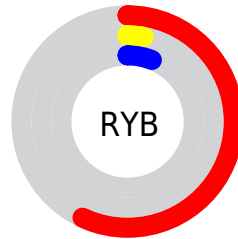
Distribution



Red (57%)

Green (3%)

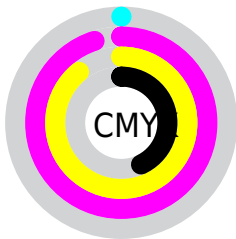
Blue (6%)



Red (57%)

Yellow (3%)

Blue (6%)

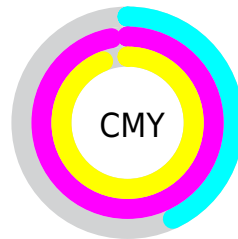


Cyan (0%)

Magenta (95%)

Yellow (89%)

Black (43%)



Cyan (43%)


Magenta (97%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.5870, -16.5584, 84.5542 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 49.5870, -16.5584, 84.5542 by changing the saturation by 10% instead.


 49.5870, -16.5584,
84.5542


 49.5870, -16.5584,
84.5542


 253.6320, -5.2416,
1.1997


 34.6840, -17.0992,
71.3141


 112.4700,
-25.8677, 83.7798


 25.7140, -12.6770,
52.8708

 140.2100,
-28.2045, 86.6388


 17.8690, -7.8234,
36.0719

 163.6930,
-27.4566, 80.0762

 6.2790, -3.0955,
12.9103

 182.9790,
-24.6396, 63.1624

 0.0000, 0.0000,
0.0000

 202.4930,
-20.9490, 46.0486

 222.5940,

-17.5478, 28.4201

■ 242.8090,
-13.7098, 10.6915

■ 49.5870, -16.5584,
84.5542

■ 49.5870, -16.5584,
84.5542

■ 44.6800, -17.5902,
88.8576

■ 59.9880, -14.7841,
75.4325

■ 69.6880, -13.1572,
66.9256

■ 80.0890, -11.3829,
57.8039

■ 89.9030, -9.3192,
49.1971

■ 100.1900, -7.9817,
40.1754

■ 110.5910, -6.2074,
31.0537

■ 120.4050, -4.1437,
22.4468

■ 130.6920, -2.8062,
13.4251

■ 140.5060, -0.7425,
4.8182

Harmonies

Analogous

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



53.4560, 5.6912, 88.1771



49.5870, -16.5584, 84.5542



65.8170, -32.4478, 47.5185

Triad

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



49.5870, -16.5584, 84.5542



54.5060, -14.5465, -47.8018



64.2200, 53.1355, -56.3209

Complementary

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



49.5870, -16.5584, 84.5542



103.4130, 16.5584, -84.5542

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.



69.5370, 45.5843, -60.9839



49.5870, -16.5584, 84.5542



61.8360, 8.4619, -54.2302

Square

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



49.5870, -16.5584, 84.5542



55.5980, -27.4098, -28.5884



68.0090, 29.5756, -59.6439



70.3910, 40.7262, 4.0421

Rectangle

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



49.5870, -16.5584, 84.5542



67.7340, -33.3929, 23.9123



68.0090, 29.5756, -59.6439



66.5680, 51.9780, -58.3801

Sweetspot

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



49.5870, -16.5584, 84.5542



150.9010, -6.3602, 33.4128



61.7160, 41.5520, 66.0241



71.0950, -3.9908, 20.0877



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.



49.5870, -16.5584, 84.5542



57.8790, -22.6183, 114.9931



83.7810, -37.8530, 54.5661



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Inverse Universe

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



49.5870, -16.5584, 84.5542



57.8790, -22.6183, 114.9931



69.2190, 37.8530, -54.5661



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 49.5870, -16.5584, 84.5542 looks on a white background.

Color Contrast Check

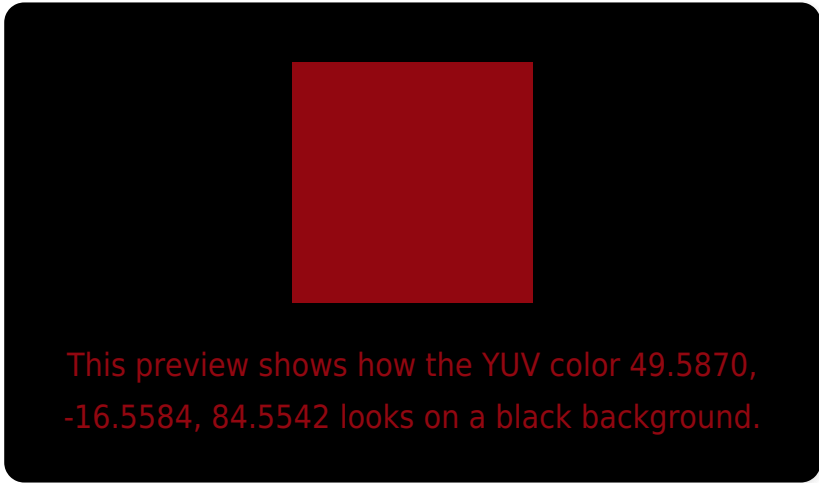
Large Text (above 18pt) WCAG AA ✓ Pass

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

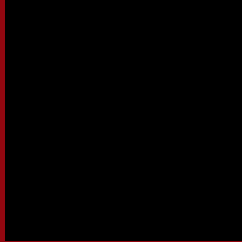
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5870, -16.5584, 84.5542

Background



This preview shows how black text looks on a background with the YUV color 49.5870, -16.5584, 84.5542.



This preview shows how white text looks on a background with the YUV color 49.5870, -16.5584,

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

49.5870, -16.5584, 84.5542

Protanopia

71.2620, -20.8352, 9.4172

Deuteranopia

68.8970, -33.9662, 21.1383



Tritanopia

50.9860, -25.1361, 82.4503

Trichromacy



Original Color

49.5870, -16.5584, 84.5542

Protanomaly

63.4810, -19.4641, 36.4122

Deuteranomaly

61.7610, -27.4902, 44.0596

Tritanomaly

50.4960, -21.9365, 82.8800

Monochromacy



Original Color

49.5870, -16.5584, 84.5542

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7050, -5.7706, 30.9537

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5870, -16.5584, 84.5542 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(146, 7, 16)` looks like.

```
.text, #text, p{  
    color:rgb(146, 7, 16)  
}
```

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(146, 7, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 7, 16) }
```

Border

The CSS property to change the border of an element to YUV 49.5870, -16.5584, 84.5542 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(146, 7, 16) }
```


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

```
.border{ border-color:rgb(146, 7, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 7, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 7, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 7, 16);  
box-shadow:4px 4px 4px 4px rgb(146, 7, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.5870, -16.5584, 84.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 7, 16) }
```

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

```
.background{ background-color: rgb(146, 7,  
16) }
```

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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