

Converting Colors

YUV(49.3650, -19.8999,
82.9949)

Have a look what the booklet for
YUV(49.3650, -19.8999, 82.9949)
contains.

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Color

**YUV(49.3650, -19.8999,
82.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	900909
RGB	144, 9, 9
RGB Percent	56%, 4%, 4%
CMY	0.4353, 0.9647, 0.9647
CMYK	0.00, 0.94, 0.94, 0.44
HSL	0°, 88%, 30%
HSV	0°, 94%, 56%
XYZ	11.6486, 6.1444, 0.8305
YIQ	49.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

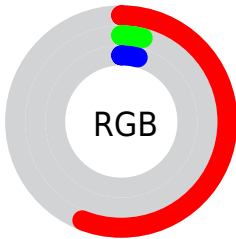
Format	Color
R_{YB}	144, 9, 9
Decimal	9439497
CIE Lab	29.77, 51.06, 39.46
CIE LCh	30, 64.527, 37.695
Yxy	6.1444, 0.6255, 0.3299
Android (android.graphics.Color)	4287629577 (0xFF900909)
YUV	49.3650, -19.8999, 82.9949
Hunter-Lab	24.7879, 40.5039, 15.3651

Details

The YUV color **49.3650, -19.8999, 82.9949** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **103.6350, 19.8999, -82.9949**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1880, -28.1937, 83.1501**, and **25.1160, -12.3822, 51.6413** is the 20% darker color. If you saturate the color by 10%, you get **43.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **59.1790, -17.8362, 74.3880**.

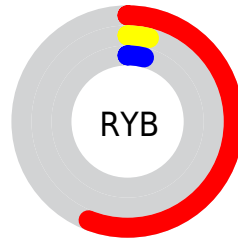
Distribution



Red (56%)

Green (4%)

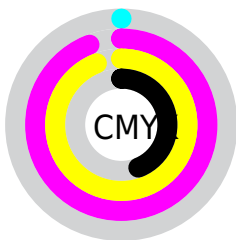
Blue (4%)



Red (56%)

Yellow (4%)

Blue (4%)

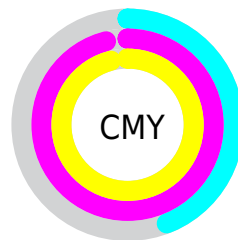


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (44%)



Cyan (44%)


Magenta (96%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 49.3650, -19.8999, 82.9949 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 49.3650, -19.8999, 82.9949 by changing the saturation by 10% instead.


 49.3650, -19.8999,
82.9949

 49.3650, -19.8999,
82.9949


 252.8340, -8.2992,
1.8996

 34.0860, -16.8044,
70.0846


 111.1880,
-28.1937, 83.1501


 25.1160, -12.3822,
51.6413


 138.9280,
-30.5305, 86.0091


 17.2710, -7.5286,
34.8423

 163.0090,
-30.0774, 80.6761

 5.0830, -2.5059,
10.4512


 182.2950,
-27.2604, 63.7623


 0.0000, 0.0000,
0.0000


 201.6950,
-24.0066, 46.7485


 221.2090,


-20.3160, 29.6347


 242.0110,
-16.7674, 11.3914


 49.3650, -19.8999,
82.9949


 49.3650, -19.8999,
82.9949


 43.0560, -21.2266,
88.5279

 59.1790, -17.8362,
74.3880

 69.6940, -15.6251,
65.1664

 79.5080, -13.5614,
56.5595

 90.0230, -11.3503,
47.3378

 99.8370, -9.2866,
38.7310

■ 109.6510, -7.2229,
30.1241

■ 120.1660, -5.0118,
20.9024

■ 129.9800, -2.9481,
12.2955

■ 140.4950, -0.7370,
3.0739

Harmonies

Analogous

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



52.8860, 3.5072, 88.6770



49.3650, -19.8999, 82.9949



65.2080, -32.1475, 44.5446

Triad

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



49.3650, -19.8999, 82.9949



54.8480, -13.2361, -48.1017



62.4590, 54.0037, -54.7765

Complementary

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



49.3650, -19.8999, 82.9949



103.6350, 19.8999, -82.9949

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.



69.1780, 46.7472, -60.6691



49.3650, -19.8999, 82.9949



62.1780, 9.7722, -54.5301

Square

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



49.3650, -19.8999, 82.9949



51.1130, -25.1987, -37.8101



67.7640, 31.1753, -59.4290



69.9080, 39.9784, 10.6047

Rectangle

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



49.3650, -19.8999, 82.9949



66.2390, -32.6558, 20.8384



67.7640, 31.1753, -59.4290



65.9810, 52.2674, -57.8653

Sweetspot

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



49.3650, -19.8999, 82.9949



149.5480, -7.6652, 31.9684



64.7550, 39.0678, 69.4979



71.5680, -4.7170, 19.6729



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.



49.3650, -19.8999, 82.9949



55.6140, -27.4177, 114.3485



89.2810, -39.5785, 47.9886



66.0930, -1.0318, 4.3034



40.3650, -19.8999, 82.9949



2.3920, -1.1793, 4.9182

Inverse Universe

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



103.6350, 19.8999, -82.9949



130.3860, 27.4177, -114.3485



64.3060, 39.2891, -48.5034



68.9070, 1.0318, -4.3034



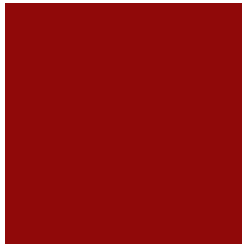
94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Previews

White Background



This preview shows how the YUV color 49.3650, -19.8999, 82.9949 looks on a white background.

Color Contrast Check

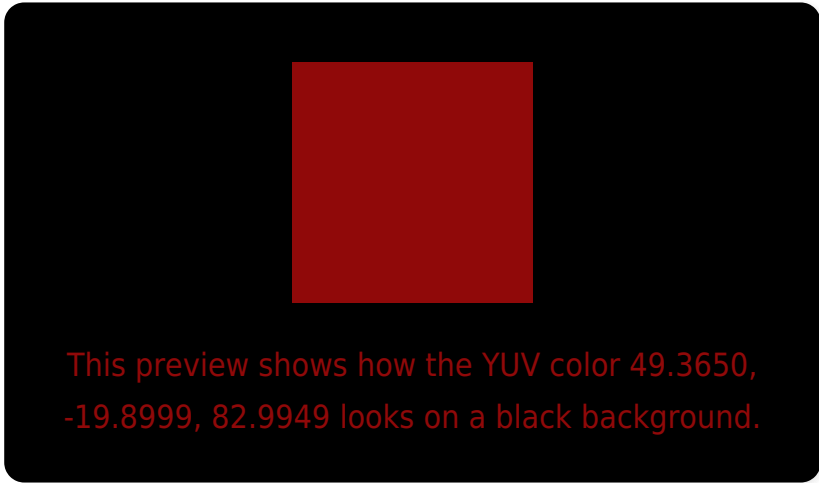
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3650, -19.8999, 82.9949

Background



This preview shows how black text looks on a background with the YUV color 49.3650, -19.8999, 82.9949.



This preview shows how white text looks on a background with the YUV color 49.3650, -19.8999,

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

49.3650, -19.8999, 82.9949

Protanopia

69.8770, -23.6034, 10.6319

Tritanopia

50.3880, -24.8413, 81.2207

Trichromacy



Original Color

49.3650, -19.8999, 82.9949

Protanomaly

62.6830, -22.5217, 37.1120

Tritanomaly

50.1430, -23.2415, 81.4356

Monochromacy



Original Color

49.3650, -19.8999, 82.9949

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3650, -19.8999, 82.9949 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(144, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(144, 9, 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(144, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 9, 9) }
```

Border

The CSS property to change the border of an element to YUV 49.3650, -19.8999, 82.9949 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(144, 9, 9) }
```

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

```
.border{ border-color:rgb(144, 9, 9) }
```

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

Here you see how a box with a 4 pixel rgb(144, 9, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(144, 9, 9); box-shadow:4px  
4px 4px 4px rgb(144, 9, 9) }
```


Background

The CSS property to change the background color of an element to YUV 49.3650, -19.8999, 82.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 9, 9) }
```

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

```
.background{ background-color: rgb(144, 9,  
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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