

Converting Colors

YUV(49.9270, 10.8820, 9.7110)

Have a look what the booklet for
YUV(49.9270, 10.8820, 9.7110)
contains.

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Color

**YUV(49.9270, 10.8820,
9.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2848
RGB	61, 40, 72
RGB Percent	24%, 16%, 28%
CMY	0.7608, 0.8431, 0.7176
CMYK	0.15, 0.44, 0.00, 0.72
HSL	279°, 29%, 22%
HSV	279°, 44%, 28%
XYZ	3.8530, 2.9776, 6.5025
YIQ	49.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

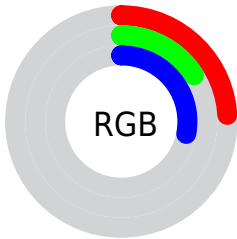
Format	Color
R_{YB}	61, 40, 72
Decimal	4008008
CIE _{Lab}	19.95, 16.79, -16.19
CIE _{LCh}	20, 23.319, 316.043
Yxy	2.9776, 0.2890, 0.2233
Android (android.graphics.Color)	4282198088 (0xFF3D2848)
YUV	49.9270, 10.8820, 9.7110
Hunter-Lab	17.2556, 9.6594, -10.2637

Details

The YUV color **49.9270, 10.8820, 9.7110** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62.0730, -10.8820, -9.7110**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8670, 11.8976, 10.6406**, and **9.5850, 9.5716, 10.0110** is the 20% darker color. If you saturate the color by 10%, you get **45.2200, 13.2025, 12.0851**, and if you desaturate by 10%, it is **54.6340, 8.5614, 7.3370**.

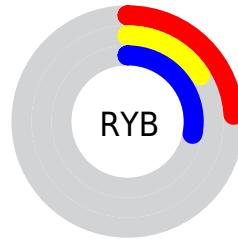
Distribution



Red (24%)

Green (16%)

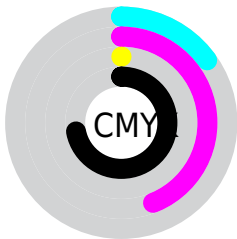
Blue (28%)



Red (24%)

Yellow (16%)

Blue (28%)

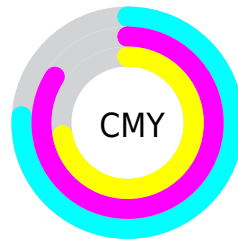


Cyan (15%)

Magenta (44%)

Yellow (0%)

Black (72%)



Cyan (76%)

Magenta (84%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9270, 10.8820, 9.7110 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 49.9270, 10.8820, 9.7110 by changing the saturation by 10% instead.

■ 49.9270, 10.8820,
9.7110

■ 49.9270, 10.8820,
9.7110

■ 255.0000, 0.0000,
0.0000

■ 28.4000, 10.1558,
9.2962

■ 96.8670, 11.8976,
10.6406

■ 9.5850, 9.5716,
10.0110

■ 121.5790, 12.0396,
11.7702

■ 0.0000, 0.0000,
0.0000

■ 147.1060, 12.7657,
12.1850

■ 174.1060, 12.7657,
12.1850

■ 201.6330, 13.4919,
12.5999

■ 229.7040, 12.4709,

13.4146

249.1300, 2.8939,
5.1480

49.9270, 10.8820,
9.7110

49.9270, 10.8820,
9.7110

45.2200, 13.2025,
12.0851

54.6340, 8.5614,
7.3370

40.2140, 15.6705,
13.8443

59.6400, 6.0935,
5.5777

34.9200, 18.2804,
16.7332

64.9340, 3.4835,
2.6889

29.9140, 20.7484,
18.4924

69.9400, 1.0156,
0.9296

25.2070, 23.0689,
20.8665

74.6470, -1.3050,
-1.4444

■ 22.2610, 24.5213,
21.6961

■ 79.6530, -3.7729,
-3.2037

■ 84.3600, -6.0935,
-5.5777

■ 89.9530, -8.8508,
-7.8518

■ 94.6600, -11.1714,
-10.2258

Harmonies

Analogous

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



47.2880, 16.6200, -10.7766



49.9270, 10.8820, 9.7110



48.8810, 4.0027, 22.9064

Triad

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



49.9270, 10.8820, 9.7110



46.8590, -16.1995, 15.9097



39.9570, 8.4022, -35.0423

Complementary

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



49.9270, 10.8820, 9.7110



62.0730, -10.8820, -9.7110

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.



37.3180, 0.8292, -32.7279



49.9270, 10.8820, 9.7110



45.4830, -16.0141, 3.0844

Square

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



49.9270, 10.8820, 9.7110



47.7660, -11.7166, 24.7612



43.4040, -9.5662, -11.7553



41.0800, 15.2436, -36.0272

Rectangle

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



49.9270, 10.8820, 9.7110



48.4210, -1.6866, 27.6948



43.4040, -9.5662, -11.7553



39.2730, 5.7814, -34.4424

Sweetspot

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



49.9270, 10.8820, 9.7110



85.7600, 4.0623, 3.7185



50.1050, 10.7942, -8.8621



43.2930, 2.3206, 2.3740



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



49.9270, 10.8820, 9.7110



59.5670, 16.9755, 15.2887



52.6460, 7.0765, 16.9735



33.0540, 1.4524, 0.8296



30.7210, 33.6615, 30.0627



70.4290, 77.1895, 68.9068

Inverse Universe

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



50.8220, 0.0878, 18.5731



61.0020, 0.4920, 28.9392



59.3540, -7.0765, -16.9735



33.3100, -0.1528, 2.3591



33.4770, 0.2578, 57.4637



76.7650, 0.6089, 131.7561

Previews

White Background



This preview shows how the YUV color 49.9270, 10.8820, 9.7110 looks on a white background.

Color Contrast Check

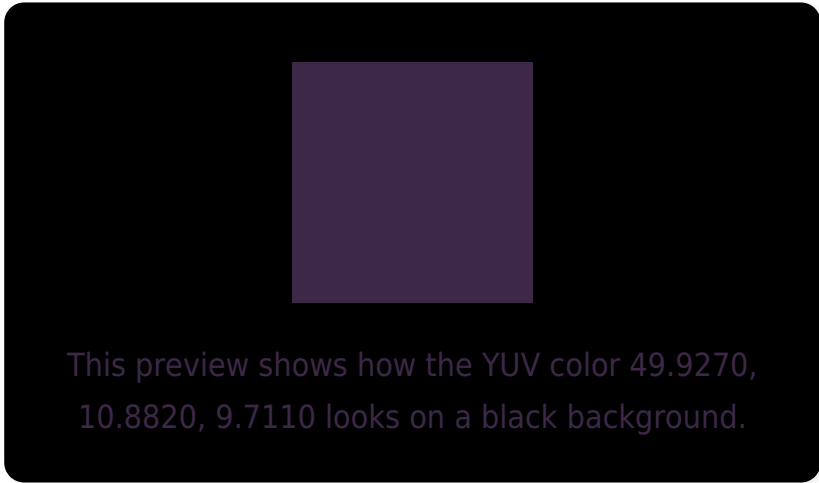
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9270, 10.8820, 9.7110

Background



This preview shows how black text looks on a background with the YUV color 49.9270, 10.8820, 9.7110.



This preview shows how white text looks on a background with the YUV color 49.9270, 10.8820,

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

49.9270, 10.8820, 9.7110

Protanopia

47.9460, 15.3096, -10.4766

Deuteranopia

48.1160, 10.7888, -7.1177



Tritanopia

49.0440, -0.0217, 6.9774

Trichromacy



Original Color

49.9270, 10.8820, 9.7110

Protanomaly

48.5340, 13.5407, -3.0993

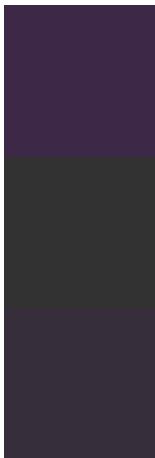
Deuteranomaly

48.8610, 10.9145, -0.7551

Tritanomaly

49.0810, 3.9041, 7.8220

Monochromacy



Original Color

49.9270, 10.8820, 9.7110

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9270, 10.8820, 9.7110 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(61, 40, 72)` looks like.

```
.text, #text, p{  
    color:rgb(61, 40, 72)  
}
```

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(61, 40, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 40, 72) }
```

Border

The CSS property to change the border of an element to YUV 49.9270, 10.8820, 9.7110 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(61, 40, 72) }
```


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

```
.border{ border-color:rgb(61, 40, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 40, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 40, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 40, 72);  
box-shadow:4px 4px 4px 4px rgb(61, 40, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.9270, 10.8820, 9.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 40, 72) }
```

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

```
.background{ background-color: rgb(61, 40,  
72) }
```

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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