

Converting Colors

YUV(49.9120, -2.9146, 48.3122)

Have a look what the booklet for
YUV(49.9120, -2.9146, 48.3122)
contains.

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Color

**YUV(49.9120, -2.9146,
48.3122)**

Conversions

Conversions Part 1

Format	Color
Hex	69172C
RGB	105, 23, 44
RGB Percent	41%, 9%, 17%
CMY	0.5882, 0.9098, 0.8275
CMYK	0.00, 0.78, 0.58, 0.59
HSL	345°, 64%, 25%
HSV	345°, 78%, 41%
XYZ	6.5867, 3.7979, 2.7688
YIQ	49.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

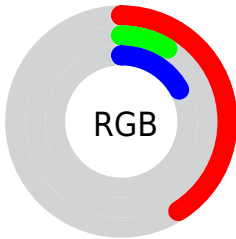
Format	Color
RYB	105, 23, 44
Decimal	6887212
CIELab	22.99, 37.31, 8.41
CIELCh	23, 38.244, 12.710
Yxy	3.7979, 0.5008, 0.2887
Android (android.graphics.Color)	4285077292 (0xFF69172C)
YUV	49.9120, -2.9146, 48.3122
Hunter-Lab	19.4882, 26.2260, 5.2181

Details

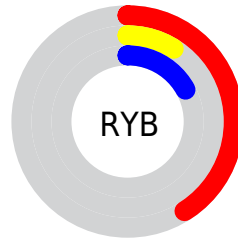
The YUV color **49.9120, -2.9146, 48.3122** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.0880, 2.9146, -48.3122**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.4240, -6.1250, 51.3712**, and **16.1460, -7.9600, 33.1980** is the 20% darker color. If you saturate the color by 10%, you get **42.5430, -3.2257, 54.7748**, and if you desaturate by 10%, it is **56.6940, -2.3141, 42.3644**.

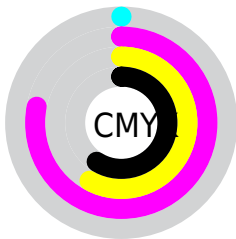
Distribution



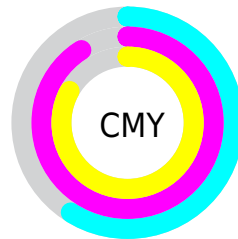
- Red (41%)
- Green (9%)
- Blue (17%)



- Red (41%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (78%)
- Yellow (58%)
- Black (59%)



- Cyan (59%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.9120, -2.9146, 48.3122 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 49.9120, -2.9146, 48.3122 by changing the saturation by 10% instead.

■ 49.9120, -2.9146,
48.3122

■ 49.9120, -2.9146,
48.3122

255.0000, 0.0000,
0.0000

■ 26.0580, -1.0146,
45.5531

■ 101.4240, -6.1250,
51.3712

■ 16.1460, -7.9600,
33.1980

■ 127.6200, -6.7147,
53.8303

■ 5.0830, -2.5059,
10.4512

■ 154.9900, -7.8831,
55.2598

■ 0.0000, 0.0000,
0.0000

■ 182.1860, -8.4727,
57.7189

■ 203.7930, -5.8139,
44.9085

■ 223.4210, -1.6866,

27.6948

243.1630, 2.8776,
10.3810

49.9120, -2.9146,
48.3122

49.9120, -2.9146,
48.3122

42.5430, -3.2257,
54.7748

56.6940, -2.3141,
42.3644

35.7610, -3.8262,
60.7226

64.0630, -2.0031,
35.9017

34.4730, -3.6842,
61.8522

70.7310, -1.8394,
30.0539

78.1000, -1.5283,
23.5913

84.8820, -0.9278,
17.6435

■ 92.2510, -0.6167,
11.1809

■ 99.6200, -0.3057,
4.7183

■ 106.2880, -0.1420,
-1.1296

■ 113.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



53.1740, 9.7742, 38.4354



49.9120, -2.9146, 48.3122



51.1980, -16.8596, 41.0454

Triad

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



49.9120, -2.9146, 48.3122



44.6560, -18.5644, -18.9923



49.5210, 29.8161, -43.4299

Complementary

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



49.9120, -2.9146, 48.3122



78.0880, 2.9146, -48.3122

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.



49.9310, 21.2330, -43.7895



49.9120, -2.9146, 48.3122



43.5470, -3.2277, -38.1907

Square

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



49.9120, -2.9146, 48.3122



50.5020, -24.8975, 5.6987



47.5540, 9.5869, -41.7049



44.3520, 32.8575, -38.8967

Rectangle

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



49.9120, -2.9146, 48.3122



51.5530, -25.4156, 31.9640



47.5540, 9.5869, -41.7049



49.6520, 27.7796, -43.5448

Sweetspot

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



49.9120, -2.9146, 48.3122



116.4800, -1.2226, 18.8730



50.2880, 26.9730, 28.6884



56.2510, -0.6167, 11.1809



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



49.9120, -2.9146, 48.3122



50.6320, -4.7486, 76.6217



58.6710, -17.5858, 40.6305



50.0220, -0.0108, 3.4887



38.4030, -4.1427, 68.9296



80.4370, -8.5964, 144.3218

Inverse Universe

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



49.9120, -2.9146, 48.3122



50.6320, -4.7486, 76.6217



69.3290, 17.5858, -40.6305



50.0220, -0.0108, 3.4887



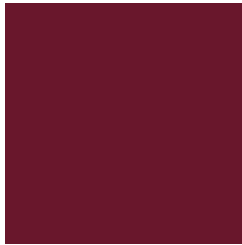
38.4030, -4.1427, 68.9296



80.4370, -8.5964, 144.3218

Previews

White Background



This preview shows how the YUV color 49.9120, -2.9146, 48.3122 looks on a white background.

Color Contrast Check

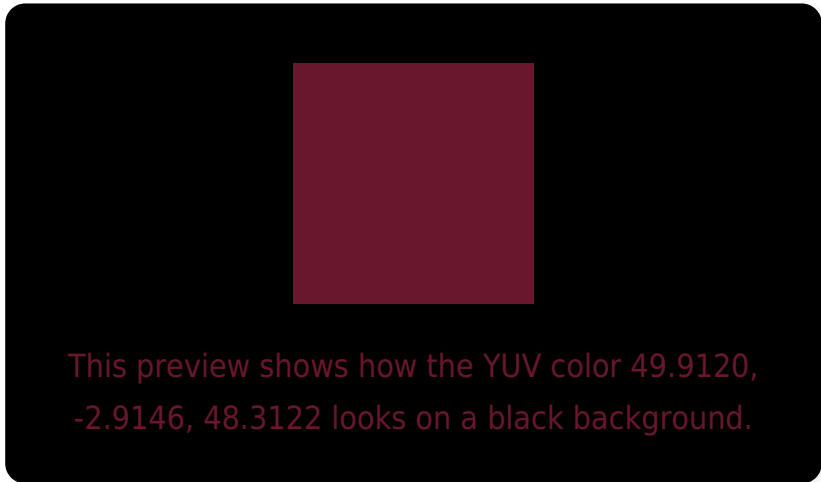
Large Text (above 18pt) WCAG AA ✓ Pass

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

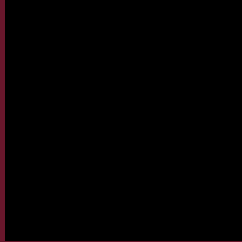
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.9120, -2.9146, 48.3122

Background



This preview shows how black text looks on a background with the YUV color 49.9120, -2.9146, 48.3122.



This preview shows how white text looks on a background with the YUV color 49.9120, -2.9146,

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

49.9120, -2.9146, 48.3122

Protanopia

56.7550, 1.5998, 0.2149

Deuteranopia

56.2910, -8.0315, 9.3918



Tritanopia

50.1370, -10.9135, 47.2379

Trichromacy



Original Color

49.9120, -2.9146, 48.3122

Protanomaly

54.1100, -0.0542, 17.4435

Deuteranomaly

54.1340, -6.4751, 23.5615

Tritanomaly

50.2340, -8.0034, 47.1528

Monochromacy



Original Color

49.9120, -2.9146, 48.3122

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8820, -0.9278, 17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.9120, -2.9146, 48.3122 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(105, 23, 44)` looks like.

```
.text, #text, p{  
    color:rgb(105, 23, 44)  
}
```

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(105, 23, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 23, 44) }
```

Border

The CSS property to change the border of an element to YUV 49.9120, -2.9146, 48.3122 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(105, 23, 44) }
```


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

```
.border{ border-color:rgb(105, 23, 44) }
```

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

Here you see how a box with a 4 pixel rgb(105, 23, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 23, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 23, 44);  
box-shadow:4px 4px 4px 4px rgb(105, 23,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 49.9120, -2.9146, 48.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 23, 44) }
```

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

```
.background{ background-color: rgb(105, 23,  
44) }
```

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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