

Converting Colors

YUV(49.1720, 42.8062, -9.7978)

Have a look what the booklet for
YUV(49.1720, 42.8062, -9.7978)
contains.

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Color

**YUV(49.1720, 42.8062,
-9.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	262688
RGB	38, 38, 136
RGB Percent	15%, 15%, 53%
CMY	0.8510, 0.8510, 0.4667
CMYK	0.72, 0.72, 0.00, 0.47
HSL	240°, 56%, 34%
HSV	240°, 72%, 53%
XYZ	5.9364, 3.5759, 23.6699
YIQ	49.1720, -31.4580, 30.4780

Conversions

Conversions Part 2

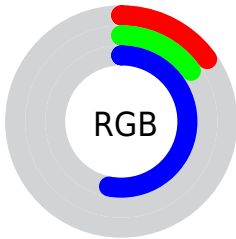
Format	Color
R_{YB}	38, 38, 136
Decimal	2500232
CIE _{Lab}	22.22, 33.65, -54.37
CIE _{LCh}	22, 63.939, 301.758
Yxy	3.5759, 0.1789, 0.1078
Android (android.graphics.Color)	4280690312 (0xFF262688)
YUV	49.1720, 42.8062, -9.7978
Hunter-Lab	18.9100, 22.9438, -60.9772

Details

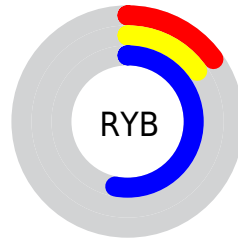
The YUV color **49.1720, 42.8062, -9.7978** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **124.8280, -42.8062, 9.7978**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2700, 44.2369, -1.9908**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **36.7680, 48.9214, -11.1975**, and if you desaturate by 10%, it is **61.5760, 36.6910, -8.3982**.

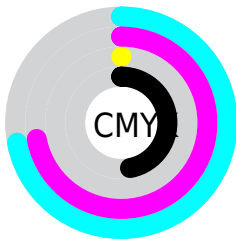
Distribution



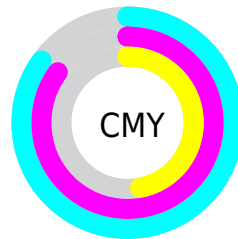
- Red (15%)
- Green (15%)
- Blue (53%)



- Red (15%)
- Yellow (15%)
- Blue (53%)



- Cyan (72%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (85%)
- Magenta (85%)
- Yellow (47%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.1720, 42.8062, -9.7978 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 49.1720, 42.8062, -9.7978 by changing the saturation by 10% instead.

■ 49.1720, 42.8062,
-9.7978

■ 49.1720, 42.8062,
-9.7978

■ 255.0000, 0.0000,
0.0000

■ 22.5190, 43.1281,
-19.7492

■ 100.2700, 44.2369,
-1.9908

■ 9.6900, 37.1278,
-8.4981

■ 126.0360, 45.8313,
-0.0316

■ 10.4760, 24.9083,
-9.1875

■ 152.8620, 46.4100,
0.9980

■ 6.0930, 15.7302,
-5.3436

■ 177.7070, 38.1054,
4.6420

■ 2.2970, 6.2626,
-2.0145

■ 202.2270, 26.0171,
8.5709

■ 0.0000, 0.0000,
0.0000

■ 227.6330, 13.4919,

12.5999

248.5430, 3.1833,
5.6628

49.1720, 42.8062,
-9.7978

49.1720, 42.8062,
-9.7978

36.7680, 48.9214,
-11.1975

61.5760, 36.6910,
-8.3982

25.2500, 54.5998,
-12.4972

73.0940, 31.0127,
-7.0984

15.5040, 59.4045,
-13.5970

85.4980, 24.8975,
-5.6987

97.0160, 19.2191,
-4.3990

109.4200, 13.1039,
-2.9993

■ 121.8240, 6.9888,
-1.5996

■ 133.3420, 1.3104,
-0.2999

■ 145.7460, -4.8048,
1.0998

■ 157.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



52.4340, 48.5930, -45.9846



49.1720, 42.8062, -9.7978



43.5780, 27.3230, 56.4981

Triad

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



49.1720, 42.8062, -9.7978



46.9230, -23.1330, 46.5485



47.3600, 3.7665, -41.5347

Complementary

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



49.1720, 42.8062, -9.7978



124.8280, -42.8062, 9.7978

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.



39.9160, -19.6786, -35.0063



49.1720, 42.8062, -9.7978



50.2470, -24.7718, 12.0614

Square

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



49.1720, 42.8062, -9.7978



37.3040, -17.4049, 76.0324



38.1660, -18.8158, -31.7176



53.4190, 24.4434, -46.8485

Rectangle

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



49.1720, 42.8062, -9.7978



45.4260, 11.1290, 70.6634



38.1660, -18.8158, -31.7176



45.4220, -3.6590, -39.8351

Sweetspot

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



49.1720, 42.8062, -9.7978



141.4460, 17.0351, -3.8991



106.6980, 14.4459, -60.2481



68.6220, 10.0464, -2.2995



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



49.1720, 42.8062, -9.7978



42.2140, 65.9565, -15.0967



63.8230, 35.5833, 20.3262



62.7980, 3.0576, -0.6998



15.1620, 58.0941, -13.2971



0.5700, 2.1840, -0.4999

Inverse Universe

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



78.4740, 28.3603, 50.4503



87.3630, 43.6980, 77.7346



110.1770, -35.5833, -20.3262



64.8910, 2.0257, 3.6036



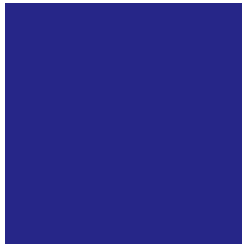
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 49.1720, 42.8062, -9.7978 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

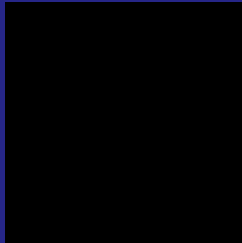
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.1720, 42.8062, -9.7978

Background



This preview shows how black text looks on a background with the YUV color 49.1720, 42.8062, -9.7978.



This preview shows how white text looks on a background with the YUV color 49.1720, 42.8062, -9.7978.

-9.7978.

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

49.1720, 42.8062, -9.7978

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

49.1720, 42.8062, -9.7978

Protanomaly

45.3410, 36.3139, -27.4861

Deuteranomaly

45.3750, 31.3671, -27.5159

Tritanomaly

44.3830, 22.4892, -26.6459

Monochromacy



Original Color

49.1720, 42.8062, -9.7978

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1040, 15.7247, -3.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.1720, 42.8062, -9.7978 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(38, 38, 136)` looks like.

```
.text, #text, p{  
    color:rgb(38, 38, 136)  
}
```

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(38, 38, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 136) }
```

Border

The CSS property to change the border of an element to YUV 49.1720, 42.8062, -9.7978 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(38, 38, 136) }
```


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

```
.border{ border-color:rgb(38, 38, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 38, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 136);  
box-shadow:4px 4px 4px 4px rgb(38, 38,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 49.1720, 42.8062, -9.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 38, 136) }
```

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

```
.background{ background-color: rgb(38, 38,  
136) }
```

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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