

Converting Colors

YUV(49.3410, 9.6919, 18.1179)

Have a look what the booklet for
YUV(49.3410, 9.6919, 18.1179)
contains.

YUV(49.3410, 9.6919, 18.1179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.3410, 9.6919,
18.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	462345
RGB	70, 35, 69
RGB Percent	27%, 14%, 27%
CMY	0.7255, 0.8627, 0.7294
CMYK	0.00, 0.50, 0.01, 0.73
HSL	302°, 33%, 21%
HSV	302°, 50%, 27%
XYZ	4.2010, 2.9338, 5.9751
YIQ	49.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

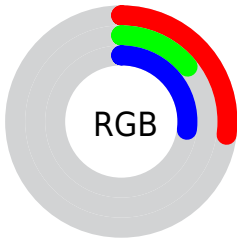
Format	Color
RYB	70, 35, 69
Decimal	4596549
CIELab	19.78, 22.57, -14.32
CIELCh	20, 26.730, 327.613
Yxy	2.9338, 0.3204, 0.2238
Android (android.graphics.Color)	4282786629 (0xFF462345)
YUV	49.3410, 9.6919, 18.1179
Hunter-Lab	17.1284, 13.8050, -8.6929

Details

The YUV color **49.3410, 9.6919, 18.1179** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **55.6590, -9.6919, -18.1179**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4660, 10.1233, 19.7623**, and **11.6350, 7.0819, 15.2291** is the 20% darker color. If you saturate the color by 10%, you get **45.2320, 11.7176, 21.7215**, and if you desaturate by 10%, it is **53.4500, 7.6661, 14.5143**.

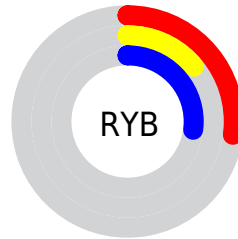
Distribution



Red (27%)

Green (14%)

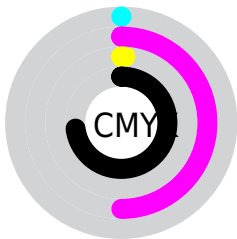
Blue (27%)



Red (27%)

Yellow (14%)

Blue (27%)

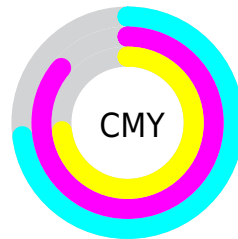


Cyan (0%)

Magenta (50%)

Yellow (1%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3410, 9.6919, 18.1179 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 49.3410, 9.6919, 18.1179 by changing the saturation by 10% instead.

■ 49.3410, 9.6919,
18.1179

■ 49.3410, 9.6919,
18.1179

■ 255.0000, 0.0000,
0.0000

■ 27.0420, 9.8393,
17.5032

■ 96.4660, 10.1233,
19.7623

■ 11.6350, 7.0819,
15.2291

■ 121.2920, 10.7020,
20.7919

■ 0.0000, 0.0000,
0.0000

■ 147.7050, 10.9914,
21.3067

■ 174.4170, 11.1334,
22.4363

■ 201.8300, 11.4228,
22.9511

■ 229.5310, 11.5702,

22.3363

246.1950, 4.3409,
7.7220

49.3410, 9.6919,
18.1179

49.3410, 9.6919,
18.1179

45.2320, 11.7176,
21.7215

53.4500, 7.6661,
14.5143

41.1230, 13.7434,
25.3251

57.5590, 5.6404,
10.9108

36.9000, 15.3323,
29.0287

61.7820, 4.0515,
7.2072

32.7910, 17.3580,
32.6323

65.8910, 2.0257,
3.6036

28.6820, 19.3838,
36.2359

70.0000, 0.0000,
0.0000

■ 74.1090, -2.0257,
-3.6036

■ 78.2180, -4.0515,
-7.2072

■ 82.4410, -5.6404,
-10.9108

■ 86.5500, -7.6661,
-14.5143

Harmonies

Analogous

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



48.1580, 17.1771, -2.7696



49.3410, 9.6919, 18.1179



47.8280, 1.0708, 29.9688

Triad

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



49.3410, 9.6919, 18.1179



45.3980, -20.4092, 12.8060



40.8690, 11.8966, -35.8421

Complementary

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



49.3410, 9.6919, 18.1179



55.6590, -9.6919, -18.1179

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.



38.7030, 3.5974, -33.9425



49.3410, 9.6919, 18.1179



43.6240, -16.5766, -3.1782

Square

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



49.3410, 9.6919, 18.1179



46.6150, -16.0792, 24.0166



39.1360, -6.4760, -22.9213



41.4050, 19.0273, -36.3122

Rectangle

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



49.3410, 9.6919, 18.1179



46.6450, -4.7550, 31.8833



39.1360, -6.4760, -22.9213



40.1850, 9.2758, -35.2422

Sweetspot

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



49.3410, 9.6919, 18.1179



83.6680, 3.6147, 7.3072



39.2890, 15.1405, -2.8845



41.3040, 2.3151, 4.1184



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



49.3410, 9.6919, 18.1179



59.4870, 15.0429, 28.5139



47.4030, 2.2663, 19.8176



33.6520, 1.1576, 2.0592



40.6590, 27.7761, 51.1651



92.9530, 62.6342, 117.5592

Inverse Universe

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



49.3410, 9.6919, 18.1179



59.4870, 15.0429, 28.5139



57.5970, -2.2663, -19.8176



33.6520, 1.1576, 2.0592



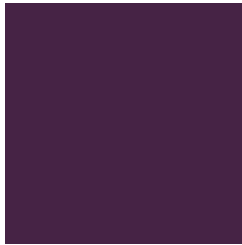
40.6590, 27.7761, 51.1651



92.9530, 62.6342, 117.5592

Previews

White Background



This preview shows how the YUV color 49.3410, 9.6919, 18.1179 looks on a white background.

Color Contrast Check

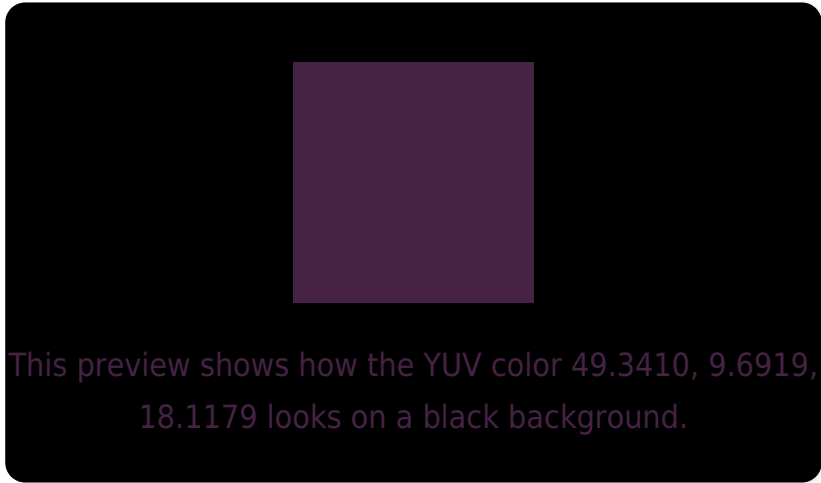
Large Text (above 18pt) WCAG AA ✓ Pass

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

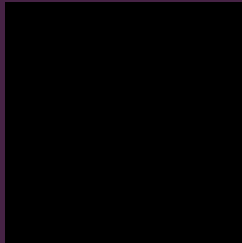
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3410, 9.6919, 18.1179

Background



This preview shows how black text looks on a background with the YUV color 49.3410, 9.6919, 18.1179.



This preview shows how white text looks on a background with the YUV color 49.3410, 9.6919,

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

49.3410, 9.6919, 18.1179

Protanopia

47.3590, 15.5990, -9.9618

Deuteranopia

48.6710, 9.0362, -4.9735



Tritanopia

49.1160, -2.5222, 15.6843

Trichromacy



Original Color

49.3410, 9.6919, 18.1179

Protanomaly

48.1430, 13.2405, -0.1254

Deuteranomaly

48.8400, 9.4459, 3.6483

Tritanomaly

49.2670, 1.8404, 16.4288

Monochromacy



Original Color

49.3410, 9.6919, 18.1179

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3410, 9.6919, 18.1179 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(70, 35, 69)` looks like.

```
.text, #text, p{  
    color:rgb(70, 35, 69)  
}
```

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(70, 35, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 35, 69) }
```

Border

The CSS property to change the border of an element to YUV 49.3410, 9.6919, 18.1179 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(70, 35, 69) }
```


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

```
.border{ border-color:rgb(70, 35, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 35, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 35, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 35, 69);  
box-shadow:4px 4px 4px 4px rgb(70, 35, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3410, 9.6919, 18.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 35, 69) }
```

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

```
.background{ background-color: rgb(70, 35,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor