

Converting Colors

YUV(49.0420, 9.8393, 17.5032)

Have a look what the booklet for
YUV(49.0420, 9.8393, 17.5032)
contains.

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Color

**YUV(49.0420, 9.8393,
17.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	452345
RGB	69, 35, 69
RGB Percent	27%, 14%, 27%
CMY	0.7294, 0.8627, 0.7294
CMYK	0.00, 0.49, 0.00, 0.73
HSL	300°, 33%, 20%
HSV	300°, 49%, 27%
XYZ	4.1295, 2.8969, 5.9717
YIQ	49.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

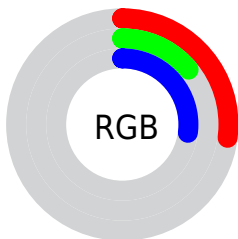
Format	Color
RYB	69, 35, 69
Decimal	4531013
CIELab	19.63, 22.21, -14.56
CIElCh	20, 26.561, 326.750
Yxy	2.8969, 0.3177, 0.2229
Android (android.graphics.Color)	4282721093 (0xFF452345)
YUV	49.0420, 9.8393, 17.5032
Hunter-Lab	17.0204, 13.5215, -8.8881

Details

The YUV color **49.0420, 9.8393, 17.5032** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **54.9580, -9.8393, -17.5032**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1670, 10.2707, 19.1475**, and **11.3360, 7.2294, 14.6143** is the 20% darker color. If you saturate the color by 10%, you get **44.9330, 11.8650, 21.1068**, and if you desaturate by 10%, it is **53.1510, 7.8136, 13.8996**.

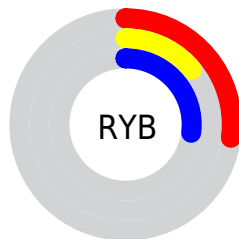
Distribution



Red (27%)

Green (14%)

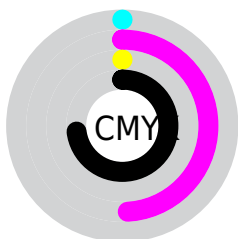
Blue (27%)



Red (27%)

Yellow (14%)

Blue (27%)

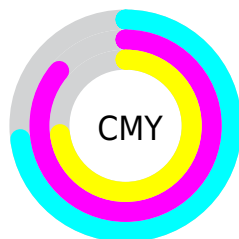


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0420, 9.8393, 17.5032 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 49.0420, 9.8393, 17.5032 by changing the saturation by 10% instead.

■ 49.0420, 9.8393,
17.5032

■ 49.0420, 9.8393,
17.5032

■ 255.0000, 0.0000,
0.0000

■ 26.7430, 9.9867,
16.8884

■ 96.1670, 10.2707,
19.1475

■ 11.3360, 7.2294,
14.6143

■ 120.9930, 10.8495,
20.1771

■ 0.0000, 0.0000,
0.0000

■ 147.4060, 11.1388,
20.6919

■ 174.1180, 11.2808,
21.8215

■ 201.5310, 11.5702,
22.3363

■ 229.5310, 11.5702,

22.3363

246.1950, 4.3409,
7.7220

49.0420, 9.8393,
17.5032

49.0420, 9.8393,
17.5032

44.9330, 11.8650,
21.1068

53.1510, 7.8136,
13.8996

40.8240, 13.8908,
24.7104

57.2600, 5.7878,
10.2960

36.7150, 15.9165,
28.3139

61.3690, 3.7621,
6.6924

32.6060, 17.9422,
31.9175

65.4780, 1.7363,
3.0888

29.0840, 19.6786,
35.0063

69.5870, -0.2894,
-0.5148

■ 28.4970, 19.9680,
35.5211

■ 73.1090, -2.0257,
-3.6036

■ 77.2180, -4.0515,
-7.2072

■ 81.3270, -6.0772,
-10.8108

■ 85.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



47.7450, 16.8877, -3.2844



49.0420, 9.8393, 17.5032



47.5290, 1.2182, 29.3541

Triad

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



49.0420, 9.8393, 17.5032



45.3980, -20.4092, 12.8060



40.7550, 11.4598, -35.7421

Complementary

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



49.0420, 9.8393, 17.5032



54.9580, -9.8393, -17.5032

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.



38.5890, 3.1606, -33.8426



49.0420, 9.8393, 17.5032



43.2220, -16.8714, -1.9487

Square

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



49.0420, 9.8393, 17.5032



46.1420, -15.3530, 24.4315



39.3210, -7.0603, -22.2065



41.4050, 19.0273, -36.3122

Rectangle

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



49.0420, 9.8393, 17.5032



46.6450, -4.7550, 31.8833



39.3210, -7.0603, -22.2065



40.0710, 8.8390, -35.1423

Sweetspot

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



49.0420, 9.8393, 17.5032



81.3690, 3.7621, 6.6924



38.8760, 14.8511, -3.3993



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.



49.0420, 9.8393, 17.5032



58.4760, 15.0483, 26.7695



47.1040, 2.4137, 19.2028



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Inverse Universe

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



49.0420, 9.8393, 17.5032



58.4760, 15.0483, 26.7695



56.8960, -2.4137, -19.2028



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 49.0420, 9.8393, 17.5032 looks on a white background.

Color Contrast Check

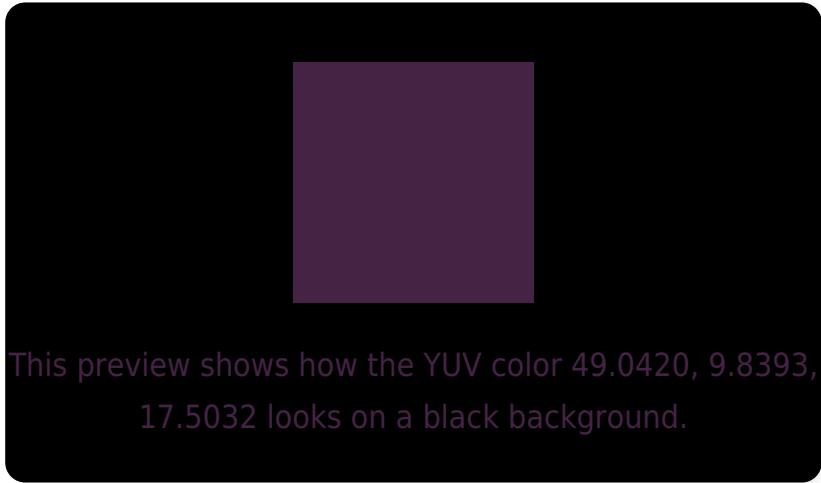
Large Text (above 18pt) WCAG AA ✓ Pass

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

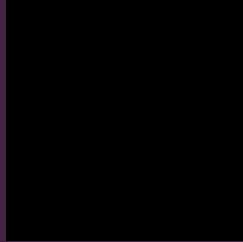
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0420, 9.8393, 17.5032

Background



This preview shows how black text looks on a background with the YUV color 49.0420, 9.8393, 17.5032.



This preview shows how white text looks on a background with the YUV color 49.0420, 9.8393,

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

49.0420, 9.8393, 17.5032

Protanopia

47.0600, 15.7464, -10.5766

Deuteranopia

48.3720, 9.1836, -5.5882



Tritanopia

48.8170, -2.3748, 15.0695

Trichromacy



Original Color

49.0420, 9.8393, 17.5032

Protanomaly

47.8440, 13.3879, -0.7402

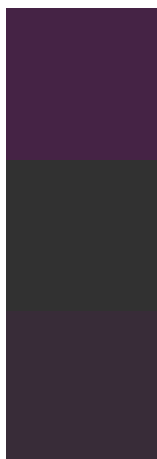
Deuteranomaly

48.5410, 9.5933, 3.0335

Tritanomaly

48.9680, 1.9878, 15.8141

Monochromacy



Original Color

49.0420, 9.8393, 17.5032

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0420, 9.8393, 17.5032 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(69, 35, 69)` looks like.

```
.text, #text, p{  
    color:rgb(69, 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(69, 35, 69) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 49.0420, 9.8393, 17.5032 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(69, 35, 69) }
```


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

```
.border{ border-color:rgb(69, 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(69, 35, 69) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 49.0420, 9.8393, 17.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(69, 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](#).

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