

# Converting Colors

YUV(49.6610, 11.0131, 14.3293)

Have a look what the booklet for  
YUV(49.6610, 11.0131, 14.3293)  
contains.

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# Color

**YUV(49.6610, 11.0131,  
14.3293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	422548
RGB	66, 37, 72
RGB Percent	26%, 15%, 28%
CMY	0.7412, 0.8549, 0.7176
CMYK	0.08, 0.49, 0.00, 0.72
HSL	290°, 32%, 21%
HSV	290°, 49%, 28%
XYZ	4.0780, 2.9493, 6.4852
YIQ	49.6610, 6.0490, 17.0330

# Conversions

## Conversions Part 2

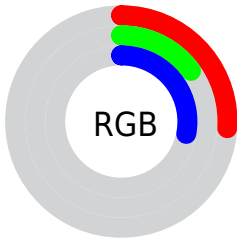
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 37, 72
Decimal	4334920
CIE <sub>Lab</sub>	19.84, 20.56, -16.31
CIE <sub>LCh</sub>	20, 26.246, 321.570
Yxy	2.9493, 0.3018, 0.2183
Android (android.graphics.Color)	4282525000 (0xFF422548)
YUV	49.6610, 11.0131, 14.3293
Hunter-Lab	17.1734, 12.3334, -10.3683

# Details

The YUV color **49.6610, 11.0131, 14.3293** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.3390, -11.0131, -14.3293**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9000, 11.8813, 15.8737**, and **11.0800, 8.8346, 13.0848** is the 20% darker color. If you saturate the color by 10%, you get **45.2530, 13.1863, 17.3181**, and if you desaturate by 10%, it is **54.0690, 8.8400, 11.3405**.

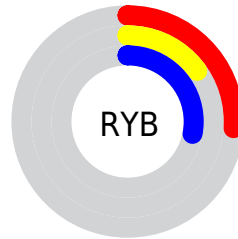
# Distribution



Red (26%)

Green (15%)

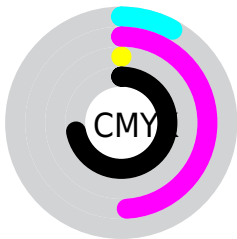
Blue (28%)



Red (26%)

Yellow (15%)

Blue (28%)

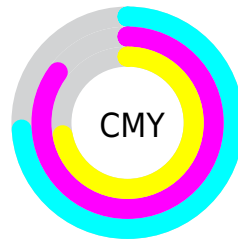


Cyan (8%)

Magenta (49%)

Yellow (0%)

Black (72%)



Cyan (74%)

Magenta (85%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 49.6610, 11.0131, 14.3293 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 49.6610, 11.0131, 14.3293 by changing the saturation by 10% instead.



■ 49.6610, 11.0131,  
14.3293

■ 49.6610, 11.0131,  
14.3293

■ 255.0000, 0.0000,  
0.0000

■ 27.8350, 10.4343,  
13.2997

■ 96.9000, 11.8813,  
15.8737

■ 11.0800, 8.8346,  
13.0848

■ 121.6120, 12.0233,  
17.0033

■ 0.0000, 0.0000,  
0.0000

■ 147.7260, 12.4601,  
16.9033

■ 174.4380, 12.6021,  
18.0329

■ 201.9650, 13.3283,  
18.4477

■ 230.0360, 12.3073,

19.2624

247.3690, 3.7621,  
6.6924

49.6610, 11.0131,  
14.3293

49.6610, 11.0131,  
14.3293

45.2530, 13.1863,  
17.3181

54.0690, 8.8400,  
11.3405

40.8450, 15.3594,  
20.3069

58.4770, 6.6668,  
8.3517

35.5510, 17.9694,  
23.1958

63.7710, 4.0569,  
5.4628

31.1430, 20.1425,  
26.1846

68.1790, 1.8838,  
2.4740

26.7350, 22.3156,  
29.1734

72.5870, -0.2894,  
-0.5148

■ 26.1480, 22.6050,  
29.6882

■ 76.9950, -2.4625,  
-3.5036

■ 81.7020, -4.7831,  
-5.8777

■ 86.6970, -7.2456,  
-9.3813

■ 91.1050, -9.4188,  
-12.3701

# Harmonies

## Analogous

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



47.6520, 17.9196, -7.5878



49.6610, 11.0131, 14.3293



48.2730, 2.8234, 27.8246

# Triad

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



49.6610, 11.0131, 14.3293



45.9360, -19.6884, 14.9651



40.4130, 10.1494, -35.4422

# Complementary

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



49.6610, 11.0131, 14.3293



59.3390, -11.0131, -14.3293

# 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.



38.2470, 1.8502, -33.5426



49.6610, 11.0131, 14.3293



44.3040, -17.8979, 0.6104

# Square

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



49.6610, 11.0131, 14.3293



47.0820, -14.3374, 25.3611



41.1860, -8.9657, -17.7031



41.7640, 17.8643, -36.6270



# Rectangle

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



49.6610, 11.0131, 14.3293



47.1010, -3.0078, 31.4834



41.1860, -8.9657, -17.7031



39.7290, 7.5286, -34.8423

# Sweetspot

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



49.6610, 11.0131, 14.3293



85.1840, 4.3463, 5.9776



44.5120, 13.5516, -6.5880



43.0050, 2.4625, 3.5036



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.



49.6610, 11.0131, 14.3293



59.6110, 16.9538, 22.2662



50.2010, 5.3239, 19.1177



33.3530, 1.3050, 1.4444



35.8040, 31.1556, 40.5139



82.0900, 71.4406, 92.8831



# Inverse Universe

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



48.1490, -2.5385, 20.9173



57.1720, -4.0288, 32.2982



58.7990, -5.3239, -19.1177



33.3100, -0.1528, 2.3591



31.5390, -7.1677, 59.1633



72.3190, -16.4263, 135.6552



# Previews

## White Background



This preview shows how the YUV color 49.6610, 11.0131, 14.3293 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

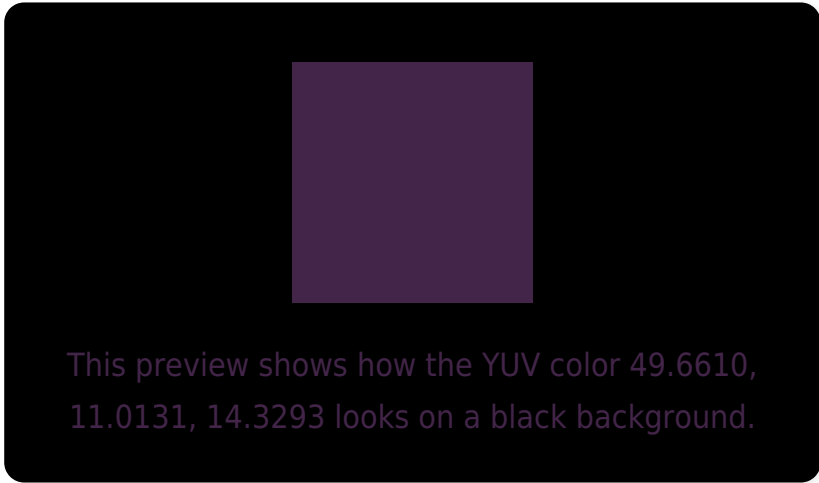
Any Text WCAG AA ✓ Pass

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

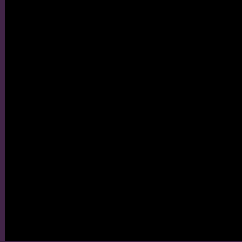
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 49.6610, 11.0131, 14.3293

## Background



This preview shows how black text looks on a background with the YUV color 49.6610, 11.0131, 14.3293.



This preview shows how white text looks on a background with the YUV color 49.6610, 11.0131,



# 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

49.6610, 11.0131, 14.3293

### Protanopia

46.9890, 16.7674, -11.3914

### Deuteranopia

48.1160, 10.7888, -7.1177



## Tritanopia

49.0230, -1.4903, 11.3808

# Trichromacy



## Original Color

49.6610, 11.0131, 14.3293

## Protanomaly

47.8870, 14.8457, -1.6549

## Deuteranomaly

48.5730, 11.0565, 0.3745

## Tritanomaly

49.1740, 2.8722, 12.1254

# Monochromacy



## Original Color

49.6610, 11.0131, 14.3293

## Achromatopsia

50.0000, 0.0000, 0.0000

## Achromatomaly

49.7710, 4.0569, 5.4628

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 49.6610, 11.0131, 14.3293 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(66, 37, 72)` looks like.

```
.text, #text, p{  
    color:rgb(66, 37, 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(66, 37, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 37, 72) }
```

## Border

The CSS property to change the border of an element to YUV 49.6610, 11.0131, 14.3293 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(66, 37, 72) }
```



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

```
.border{ border-color:rgb(66, 37, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 37, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 37, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 37, 72);  
box-shadow:4px 4px 4px 4px rgb(66, 37, 72)  
}
```

# Background

The CSS property to change the background color of an element to YUV 49.6610, 11.0131, 14.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 37, 72) }
```

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

```
.background{ background-color: rgb(66, 37,  
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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