

Converting Colors

YUV(49.3360, 7.2294, 14.6143)

Have a look what the booklet for
YUV(49.3360, 7.2294, 14.6143)
contains.

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Color

**YUV(49.3360, 7.2294,
14.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	422640
RGB	66, 38, 64
RGB Percent	26%, 15%, 25%
CMY	0.7412, 0.8510, 0.7490
CMYK	0.00, 0.42, 0.03, 0.74
HSL	304°, 27%, 20%
HSV	304°, 42%, 26%
XYZ	3.8653, 2.9146, 5.2093
YIQ	49.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

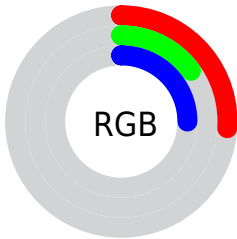
Format	Color
RYB	66, 38, 64
Decimal	4335168
CIELab	19.70, 18.07, -11.06
CIELCh	20, 21.183, 328.538
Yxy	2.9146, 0.3224, 0.2431
Android (android.graphics.Color)	4282525248 (0xFF422640)
YUV	49.3360, 7.2294, 14.6143
Hunter-Lab	17.0723, 10.5371, -6.1408

Details

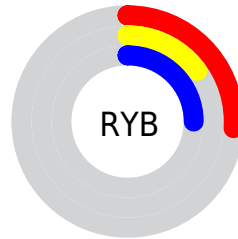
The YUV color **49.3360, 7.2294, 14.6143** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **54.6640, -7.2294, -14.6143**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4610, 7.6607, 16.2587**, and **9.9830, 5.9244, 13.1699** is the 20% darker color. If you saturate the color by 10%, you get **45.2270, 9.2551, 18.2179**, and if you desaturate by 10%, it is **53.4450, 5.2036, 11.0107**.

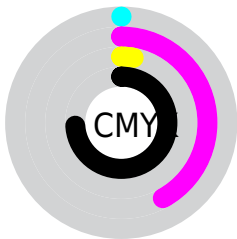
Distribution



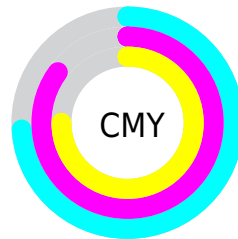
- Red (26%)
- Green (15%)
- Blue (25%)



- Red (26%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (74%)



- Cyan (74%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3360, 7.2294, 14.6143 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 49.3360, 7.2294, 14.6143 by changing the saturation by 10% instead.

■ 49.3360, 7.2294,
14.6143

■ 49.3360, 7.2294,
14.6143

■ 255.0000, 0.0000,
0.0000

■ 27.6240, 7.0874,
13.4848

■ 96.4610, 7.6607,
16.2587

■ 9.9830, 5.9244,
13.1699

■ 120.8740, 7.9501,
16.7735

■ 0.0000, 0.0000,
0.0000

■ 147.2870, 8.2395,
17.2883

■ 173.7000, 8.5289,
17.8031

■ 200.9990, 8.3815,
18.4179

■ 229.4120, 8.6709,

18.9327

247.9560, 3.4727,
6.1776

49.3360, 7.2294,
14.6143

49.3360, 7.2294,
14.6143

45.2270, 9.2551,
18.2179

53.4450, 5.2036,
11.0107

41.5910, 10.5546,
21.4067

57.0810, 3.9041,
7.8220

37.4820, 12.5804,
25.0103

61.1900, 1.8783,
4.2184

33.8460, 13.8799,
28.1991

64.8260, 0.5788,
1.0296

29.7370, 15.9057,
31.8027

68.9350, -1.4470,
-2.5740

■ 26.6880, 16.9158,
34.4766

■ 73.1580, -3.0359,
-6.2776

■ 76.6800, -4.7722,
-9.3664

■ 80.9030, -6.3612,
-13.0699

■ 84.4250, -8.0975,
-16.1587

Harmonies

Analogous

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



48.4310, 13.0985, -1.2550



49.3360, 7.2294, 14.6143



48.5560, 0.2189, 23.1914

Triad

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



49.3360, 7.2294, 14.6143



46.4560, -15.0148, 9.2471



39.3530, 11.1650, -34.5126

Complementary

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



49.3360, 7.2294, 14.6143



54.6640, -7.2294, -14.6143

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.



37.5290, 4.1762, -32.9129



49.3360, 7.2294, 14.6143



44.6610, -12.6509, -2.3337

Square

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



49.3360, 7.2294, 14.6143



47.2060, -12.4266, 19.1133



41.8100, -5.3293, -17.3734



39.5470, 16.9853, -34.6827

Rectangle

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



49.3360, 7.2294, 14.6143



48.0140, -4.4439, 25.4207



41.8100, -5.3293, -17.3734



38.7830, 8.9810, -34.0127

Sweetspot

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



49.3360, 7.2294, 14.6143



79.8420, 3.0359, 6.2776



41.7900, 11.9355, -1.5698



38.8910, 2.0257, 3.6036



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



49.3360, 7.2294, 14.6143



60.2430, 11.7122, 23.4659



47.7400, 1.1142, 16.0140



31.2390, 0.8682, 1.5444



39.2630, 25.0133, 50.6353



90.6880, 57.8348, 116.9146

Inverse Universe

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



49.3360, 7.2294, 14.6143



60.2430, 11.7122, 23.4659



56.2600, -1.1142, -16.0140



31.2390, 0.8682, 1.5444



39.2630, 25.0133, 50.6353



90.6880, 57.8348, 116.9146

Previews

White Background



This preview shows how the YUV color 49.3360, 7.2294, 14.6143 looks on a white background.

Color Contrast Check

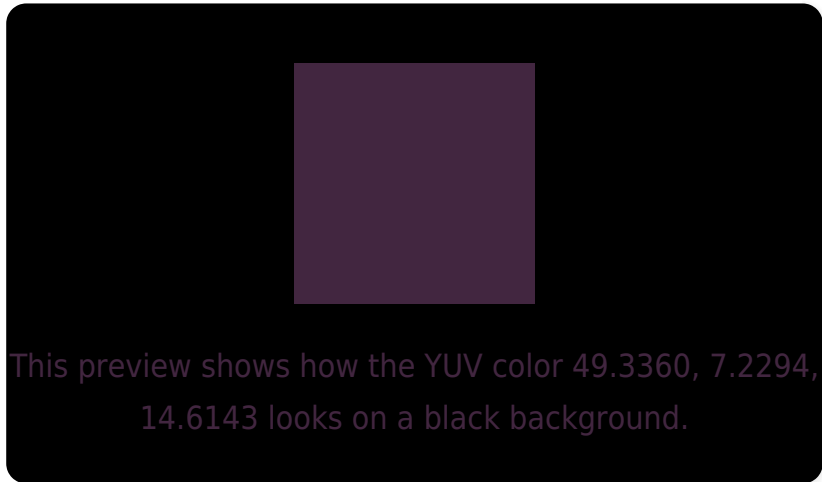
Large Text (above 18pt) WCAG AA ✓ Pass

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

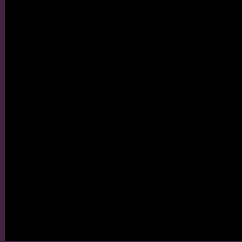
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3360, 7.2294, 14.6143

Background



This preview shows how black text looks on a background with the YUV color 49.3360, 7.2294, 14.6143.



This preview shows how white text looks on a background with the YUV color 49.3360, 7.2294,

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

49.3360, 7.2294, 14.6143

Protanopia

47.6430, 11.5150, -6.7029

Deuteranopia

48.1120, 6.8468, -2.7292



Tritanopia

48.9200, -1.9326, 13.2252

Trichromacy



Original Color

49.3360, 7.2294, 14.6143

Protanomaly

48.2310, 9.7461, 0.6744

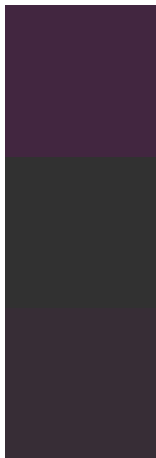
Deuteranomaly

48.8570, 6.9725, 3.6334

Tritanomaly

49.4300, 1.2670, 13.6549

Monochromacy



Original Color

49.3360, 7.2294, 14.6143

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3360, 7.2294, 14.6143 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, 38, 64)` looks like.

```
.text, #text, p{  
    color:rgb(66, 38, 64)  
}
```

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, 38, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 38, 64) }
```

Border

The CSS property to change the border of an element to YUV 49.3360, 7.2294, 14.6143 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, 38, 64) }
```


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

```
.border{ border-color:rgb(66, 38, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 38, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 38, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 38, 64);  
box-shadow:4px 4px 4px 4px rgb(66, 38, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3360, 7.2294, 14.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 38, 64) }
```

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

```
.background{ background-color: rgb(66, 38,  
64) }
```

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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