

Converting Colors

YUV(39.1420, 45.2860, 34.9555)

Have a look what the booklet for
YUV(39.1420, 45.2860, 34.9555)
contains.

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Color

**YUV(39.1420, 45.2860,
34.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0183
RGB	79, 1, 131
RGB Percent	31%, 0%, 51%
CMY	0.6902, 0.9961, 0.4863
CMYK	0.40, 0.99, 0.00, 0.49
HSL	276°, 98%, 26%
HSV	276°, 99%, 51%
XYZ	7.3320, 3.3227, 21.7276
YIQ	39.1420, 4.7580, 56.9660

Conversions

Conversions Part 2

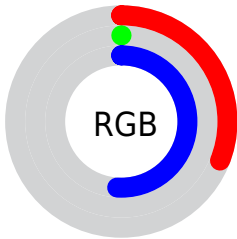
Format	Color
R_{YB}	79, 1, 131
Decimal	5177731
CIE _{Lab}	21.29, 52.10, -52.58
CIE _{LCh}	21, 74.020, 314.741
Yxy	3.3227, 0.2264, 0.1026
Android (android.graphics.Color)	4283367811 (0xFF4F0183)
YUV	39.1420, 45.2860, 34.9555
Hunter-Lab	18.2282, 39.8999, -57.9128

Details

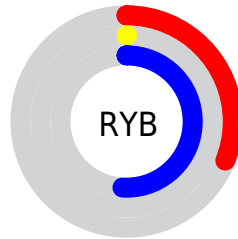
The YUV color **39.1420, 45.2860, 34.9555** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **92.8580, -45.2860, -34.9555**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5500, 43.1129, 31.9667**, and **16.5950, 31.2587, 7.3712** is the 20% darker color. If you saturate the color by 10%, you get **38.5550, 45.5754, 35.4703**, and if you desaturate by 10%, it is **48.2680, 40.7869, 31.3370**.

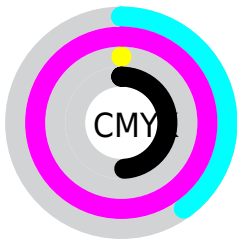
Distribution



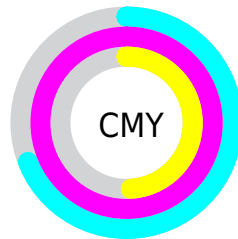
- Red (31%)
- Green (0%)
- Blue (51%)



- Red (31%)
- Yellow (0%)
- Blue (51%)



- Cyan (40%)
- Magenta (99%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.1420, 45.2860, 34.9555 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 39.1420, 45.2860, 34.9555 by changing the saturation by 10% instead.

■ 39.1420, 45.2860,
34.9555

■ 39.1420, 45.2860,
34.9555

■ 254.4130, 0.2894,
0.5148

■ 27.2190, 38.3460,
20.8559

■ 97.5500, 43.1129,
31.9667

■ 16.5950, 31.2587,
7.3712

■ 124.3760, 43.6916,
32.9962

■ 6.3840, 24.4607,
-5.5988

■ 152.2020, 44.2704,
34.0258

■ 5.0500, 14.2723,
-4.4289

■ 177.6170, 38.1498,
37.1699

■ 0.7980, 3.0576,
-0.6998

■ 202.7240, 25.7721,
40.5841

■ 0.0000, 0.0000,
0.0000

■ 220.9540, 16.7847,

29.8583

237.3900, 8.6817,
15.4440

39.1420, 45.2860,
34.9555

39.1420, 45.2860,
34.9555

38.5550, 45.5754,
35.4703

48.2680, 40.7869,
31.3370

57.3940, 36.2878,
27.7185

66.8190, 31.6412,
24.7147

75.9450, 27.1421,
21.0962

85.0710, 22.6430,
17.4777

■ 94.7840, 17.8545,
13.3444

■ 104.2090, 13.2080,
10.3407

■ 113.3350, 8.7088,
6.7222

■ 122.4610, 4.2097,
3.1037

Harmonies

Analogous

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



48.8780, 55.2761, -42.8660



39.1420, 45.2860, 34.9555



47.5060, 16.5125, 70.5932

Triad

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



39.1420, 45.2860, 34.9555



48.0200, -23.6739, 33.3085



49.9820, 13.8129, -43.8342

Complementary

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



39.1420, 45.2860, 34.9555



92.8580, -45.2860, -34.9555

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.



42.0820, -11.3794, -36.9059



39.1420, 45.2860, 34.9555



44.8210, -22.0968, -5.9820

Square

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



39.1420, 45.2860, 34.9555



35.8800, -17.6888, 73.7732



38.1550, -18.8104, -33.4619



55.7960, 36.0896, -48.9331

Rectangle

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



39.1420, 45.2860, 34.9555



46.5060, -0.2495, 80.2402



38.1550, -18.8104, -33.4619



47.2290, 5.8031, -41.4198

Sweetspot

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



39.1420, 45.2860, 34.9555



134.7840, 17.8545, 13.3444



46.3440, 41.7354, -39.7667



64.3290, 11.1768, 8.4815



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



39.1420, 45.2860, 34.9555



50.2910, 59.5095, 46.2258



53.2080, 31.9425, 68.2236



61.8800, 2.0312, 1.8592



38.1420, 45.2860, 34.9555



0.9400, 1.0156, 0.9296

Inverse Universe

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



45.7980, 3.5506, 74.7222



58.8810, 4.4957, 98.3284



78.7920, -31.9425, -68.2236



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 39.1420, 45.2860, 34.9555 looks on a white background.

Color Contrast Check

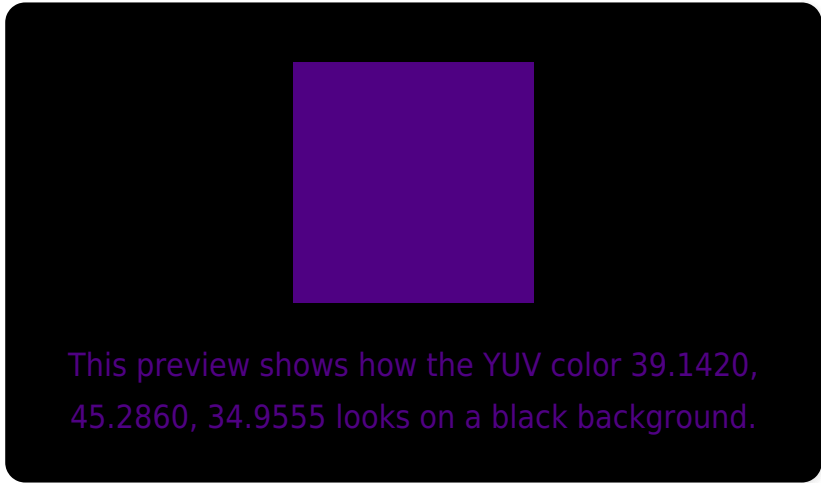
Large Text (above 18pt) WCAG AA ✓ Pass

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

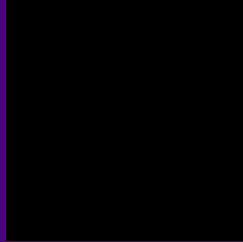
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.1420, 45.2860, 34.9555

Background



This preview shows how black text looks on a background with the YUV color 39.1420, 45.2860, 34.9555.



This preview shows how white text looks on a background with the YUV color 39.1420, 45.2860,

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

39.1420, 45.2860, 34.9555

Protanopia

43.7650, 33.1469, -38.3819

Deuteranopia

43.7020, 25.2899, -38.3267



Tritanopia

55.0440, -0.0217, 6.9774

Trichromacy



Original Color

39.1420, 45.2860, 34.9555

Protanomaly

42.0810, 37.4281, -11.4720

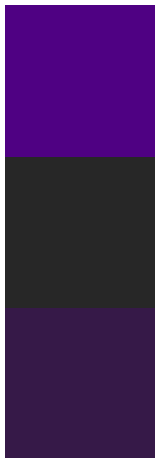
Deuteranomaly

42.1150, 32.4813, -11.5019

Tritanomaly

49.4640, 16.5332, 17.1331

Monochromacy



Original Color

39.1420, 45.2860, 34.9555

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0290, 16.2547, 13.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.1420, 45.2860, 34.9555 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(79, 1, 131)` looks like.

```
.text, #text, p{  
    color:rgb(79, 1, 131)  
}
```

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(79, 1, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 1, 131) }
```

Border

The CSS property to change the border of an element to YUV 39.1420, 45.2860, 34.9555 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(79, 1, 131) }
```


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

```
.border{ border-color:rgb(79, 1, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 1, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 1, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 1, 131);  
box-shadow:4px 4px 4px 4px rgb(79, 1, 131)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.1420, 45.2860, 34.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 1, 131) }
```

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

```
.background{ background-color: rgb(79, 1,  
131) }
```

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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