

Converting Colors

YUV(39.8090, 50.3802, 34.3705)

Have a look what the booklet for
YUV(39.8090, 50.3802, 34.3705)
contains.

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Color

**YUV(39.8090, 50.3802,
34.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	4F008E
RGB	79, 0, 142
RGB Percent	31%, 0%, 56%
CMY	0.6902, 1.0000, 0.4431
CMYK	0.44, 1.00, 0.00, 0.44
HSL	273°, 100%, 28%
HSV	273°, 100%, 56%
XYZ	8.1069, 3.6153, 25.8617
YIQ	39.8090, 1.5020, 60.9100

Conversions

Conversions Part 2

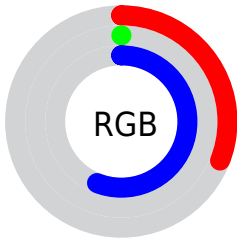
Format	Color
R_{YB}	79, 0, 142
Decimal	5177486
CIE _{Lab}	22.36, 54.77, -57.73
CIE _{LCh}	22, 79.572, 313.492
Yxy	3.6153, 0.2157, 0.0962
Android (android.graphics.Color)	4283367566 (0xFF4F008E)
YUV	39.8090, 50.3802, 34.3705
Hunter-Lab	19.0138, 42.8329, -67.3338

Details

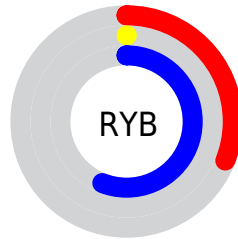
The YUV color **39.8090, 50.3802, 34.3705** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **102.1910, -50.3802, -34.3705**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8040, 47.9176, 30.8669**, and **15.9410, 36.5111, 2.6827** is the 20% darker color. If you saturate the color by 10%, you get **39.8090, 50.3802, 34.3705**, and if you desaturate by 10%, it is **49.8210, 45.4442, 30.8520**.

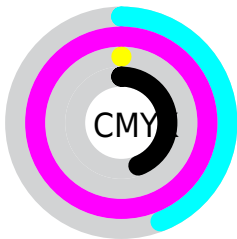
Distribution



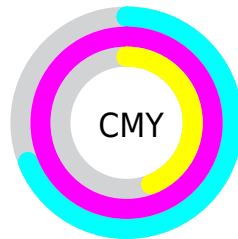
- Red (31%)
- Green (0%)
- Blue (56%)



- Red (31%)
- Yellow (0%)
- Blue (56%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.8090, 50.3802, 34.3705 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 39.8090, 50.3802, 34.3705 by changing the saturation by 10% instead.

■ 39.8090, 50.3802,
34.3705

■ 39.8090, 50.3802,
34.3705

■ 255.0000, 0.0000,
0.0000

■ 28.1740, 43.2982,
19.1414

■ 99.8040, 47.9176,
30.8669

■ 15.9410, 36.5111,
2.6827

■ 126.9290, 48.3490,
32.5113

■ 7.5240, 28.8287,
-6.5985

■ 154.4560, 49.0752,
32.9261

■ 6.6630, 17.9141,
-5.8435

■ 178.8020, 37.5656,
37.8846

■ 2.9810, 8.8834,
-2.6143


■ 204.2080, 25.0405,
41.9136


■ 0.0000, 0.0000,
0.0000


■ 221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 39.8090, 50.3802,
34.3705

 49.8210, 45.4442,
30.8520

 60.1320, 40.3609,
27.9482

 70.7310, 35.1356,
23.9149

 80.7430, 30.1997,
20.3964

 91.0540, 25.1164,
17.4926

■ 101.0660, 20.1805,
13.9741

■ 111.0780, 15.2445,
10.4556

■ 121.6770, 10.0192,
6.4223

■ 131.9880, 4.9359,
3.5185

Harmonies

Analogous

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



52.0070, 59.6495, -45.6101



39.8090, 50.3802, 34.3705



50.8100, 18.8277, 74.7116

Triad

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



39.8090, 50.3802, 34.3705



49.2270, -24.2689, 37.5119



51.9710, 13.8183, -45.5786

Complementary

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



39.8090, 50.3802, 34.3705



102.1910, -50.3802, -34.3705

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.



43.3870, -13.9948, -38.0504



39.8090, 50.3802, 34.3705



47.4790, -23.4071, -5.6821

Square

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



39.8090, 50.3802, 34.3705



38.5710, -19.0155, 79.3062



39.9160, -19.6786, -35.0063



58.9420, 37.9896, -51.6921

Rectangle

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



39.8090, 50.3802, 34.3705



49.6530, 0.1711, 85.3733



39.9160, -19.6786, -35.0063



49.5770, 4.6455, -43.4790

Sweetspot

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



39.8090, 50.3802, 34.3705



144.2400, 19.6017, 12.9445



53.7560, 43.5043, -47.1440



68.1440, 11.7610, 7.7667



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



39.8090, 50.3802, 34.3705



51.4740, 65.3353, 44.3113



57.8480, 38.0359, 73.8013



65.9940, 2.4680, 1.7593



37.8150, 47.9122, 32.6112



2.1080, 2.9048, 1.6593

Inverse Universe

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



49.6400, 6.5865, 80.9997



64.2500, 8.2577, 105.0208



84.1520, -38.0359, -73.8013



66.4350, 0.2785, 4.0035



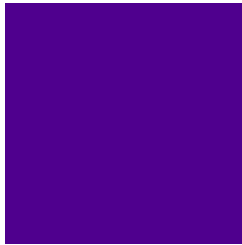
47.2050, 6.3079, 76.9962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 39.8090, 50.3802, 34.3705 looks on a white background.

Color Contrast Check

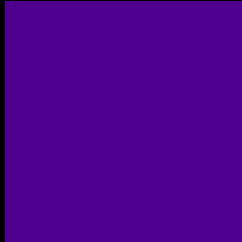
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 39.8090, 50.3802, 34.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

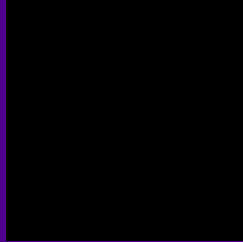
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.8090, 50.3802, 34.3705

Background



This preview shows how black text looks on a background with the YUV color 39.8090, 50.3802, 34.3705.



This preview shows how white text looks on a background with the YUV color 39.8090, 50.3802,

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



Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.3320, 26.4583, -39.7562

Tritanopia

57.0650, 1.4470, 2.5740

Trichromacy



Protanomaly

43.4660, 40.1963, -12.6867

Deuteranomaly

43.5000, 35.2495, -12.7165

Tritanomaly

50.8380, 19.3069, 14.1741

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.5990, 18.4387, 12.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8090, 50.3802, 34.3705 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, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 142)  
}
```

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, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 142) }
```

Border

The CSS property to change the border of an element to YUV 39.8090, 50.3802, 34.3705 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, 0, 142) }
```

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

```
.border{ border-color:rgb(79, 0, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 142)  
}
```


Background

The CSS property to change the background color of an element to YUV 39.8090, 50.3802, 34.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 142) }
```

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

```
.background{ background-color: rgb(79, 0,  
142) }
```

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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