

Converting Colors

YUV(39.2440, 3.3307, 5.0480)

Have a look what the booklet for
YUV(39.2440, 3.3307, 5.0480)
contains.

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Color

**YUV(39.2440, 3.3307,
5.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	2D232E
RGB	45, 35, 46
RGB Percent	18%, 14%, 18%
CMY	0.8235, 0.8627, 0.8196
CMYK	0.02, 0.24, 0.00, 0.82
HSL	295°, 14%, 16%
HSV	295°, 24%, 18%
XYZ	2.1764, 1.9572, 2.8478
YIQ	39.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

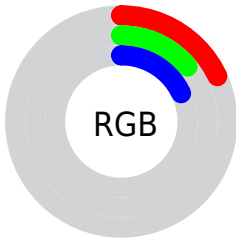
Format	Color
R_YB	45, 35, 46
Decimal	2958126
CIE Lab	15.26, 7.24, -5.47
CIE LCh	15, 9.071, 322.919
Yxy	1.9572, 0.3117, 0.2803
Android (android.graphics.Color)	4281148206 (0xFF2D232E)
YUV	39.2440, 3.3307, 5.0480
Hunter-Lab	13.9900, 3.2858, -2.2762

Details

The YUV color **39.2440, 3.3307, 5.0480** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.7560, -3.3307, -5.0480**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.0700, 3.9095, 6.0776**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.3090, 4.7777, 7.6220**, and if you desaturate by 10%, it is **42.1790, 1.8838, 2.4740**.

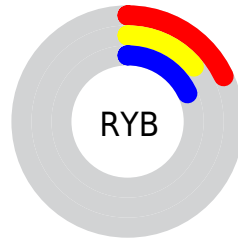
Distribution



Red (18%)

Green (14%)

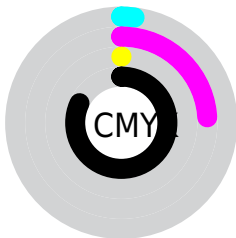
Blue (18%)



Red (18%)

Yellow (14%)

Blue (18%)

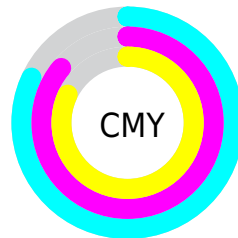


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.2440, 3.3307, 5.0480 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 39.2440, 3.3307, 5.0480 by changing the saturation by 10% instead.

■ 39.2440, 3.3307,
5.0480

■ 39.2440, 3.3307,
5.0480

■ 255.0000, 0.0000,
0.0000

■ 18.5430, 3.1833,
5.6628

■ 84.0700, 3.9095,
6.0776

■ 0.0000, 0.0000,
0.0000

■ 108.0700, 3.9095,
6.0776

■ 134.0700, 3.9095,
6.0776

■ 160.0700, 3.9095,
6.0776

■ 186.7820, 4.0515,
7.2072

■ 214.4830, 4.1989,

6.5924

242.8960, 4.4883,
7.1072

39.2440, 3.3307,
5.0480

39.2440, 3.3307,
5.0480

36.3090, 4.7777,
7.6220

42.1790, 1.8838,
2.4740

33.6620, 6.0826,
9.0664

44.8260, 0.5788,
1.0296

30.7270, 7.5296,
11.6404

47.7610, -0.8682,
-1.5444

28.0800, 8.8346,
13.0848

50.4080, -2.1731,
-2.9888

25.1450, 10.2815,
15.6588

53.3430, -3.6201,
-5.5628

■ 21.9110, 11.8759,
17.6181

■ 56.5770, -5.2145,
-7.5220

■ 19.5630, 13.0334,
19.6772

■ 58.9250, -6.3720,
-9.5812

■ 17.8020, 13.9016,
21.2216

■ 61.8600, -7.8190,
-12.1552

■ 64.5070, -9.1240,
-13.5996

Harmonies

Analogous

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



38.4820, 5.6784, -1.2997



39.2440, 3.3307, 5.0480



39.4680, 0.2623, 9.2366

Triad

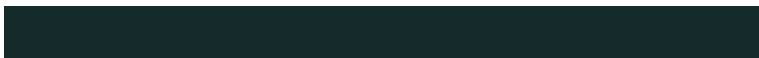
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2440, 3.3307, 5.0480



37.8390, -5.8366, 5.4032



35.5360, 3.6798, -13.6251

Complementary

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



39.2440, 3.3307, 5.0480



41.7560, -3.3307, -5.0480

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.



35.9340, 0.0325, -10.4661



39.2440, 3.3307, 5.0480



37.2190, -5.5310, 0.6849

Square

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



39.2440, 3.3307, 5.0480



38.3880, -5.1213, 9.3067



36.4570, -3.1833, -5.6628



35.8180, 6.0057, -12.9954

Rectangle

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



39.2440, 3.3307, 5.0480



39.3110, -1.6323, 10.2513



36.4570, -3.1833, -5.6628



35.3080, 2.8062, -13.4251

Sweetspot

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



39.2440, 3.3307, 5.0480



56.3530, 1.3050, 1.4444



36.8410, 4.5154, -1.6146



28.9400, 1.0156, 0.9296



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



39.2440, 3.3307, 5.0480



48.4230, 5.2145, 7.5220



39.0870, 1.4361, 6.0627



21.8260, 0.5788, 1.0296



33.5390, 26.3563, 39.8693



82.7010, 64.7304, 98.4862

Inverse Universe

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



38.4030, -1.1847, 6.6626



47.1970, -2.0691, 10.3512



41.9130, -1.4361, -6.0627



21.5980, -0.2948, 1.2296



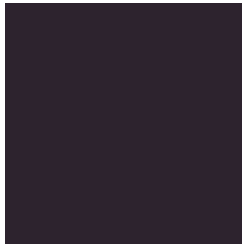
26.9250, -9.3300, 52.6858



66.1520, -23.2459, 129.6627

Previews

White Background



This preview shows how the YUV color 39.2440, 3.3307, 5.0480 looks on a white background.

Color Contrast Check

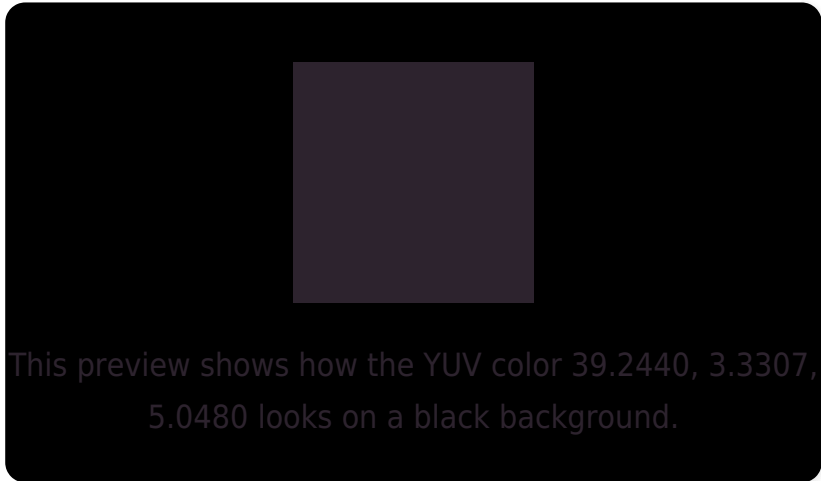
Large Text (above 18pt) WCAG AA ✓ Pass

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

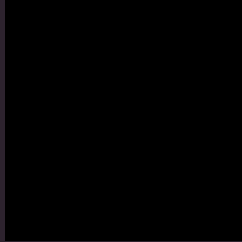
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.2440, 3.3307, 5.0480

Background



This preview shows how black text looks on a background with the YUV color 39.2440, 3.3307, 5.0480.

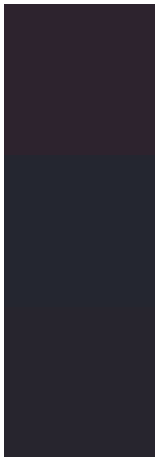


This preview shows how white text looks on a background with the YUV color 39.2440, 3.3307,

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

39.2440, 3.3307, 5.0480

Protanopia

38.5420, 4.6628, -2.2293

Deuteranopia

38.6240, 3.6364, 0.3298



Tritanopia

38.7340, 0.1311, 4.6183

Trichromacy



Original Color

39.2440, 3.3307, 5.0480

Protanomaly

38.7380, 4.0732, 0.2298

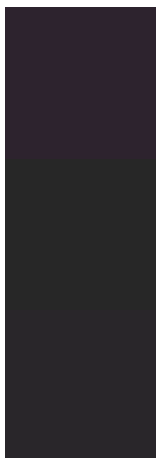
Deuteranomaly

38.6350, 3.6309, 2.0741

Tritanomaly

39.0760, 1.4415, 4.3183

Monochromacy



Original Color

39.2440, 3.3307, 5.0480

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.2440, 3.3307, 5.0480 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(45, 35, 46)` looks like.

```
.text, #text, p{  
    color:rgb(45, 35, 46)  
}
```

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(45, 35, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 35, 46) }
```

Border

The CSS property to change the border of an element to YUV 39.2440, 3.3307, 5.0480 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(45, 35, 46) }
```


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

```
.border{ border-color:rgb(45, 35, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 35, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 35, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 35, 46);  
box-shadow:4px 4px 4px 4px rgb(45, 35, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.2440, 3.3307, 5.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 35, 46) }
```

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

```
.background{ background-color: rgb(45, 35,  
46) }
```

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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