

Converting Colors

YUV(44.3840, 7.6987, 4.0482)

Have a look what the booklet for
YUV(44.3840, 7.6987, 4.0482)
contains.

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Color

**YUV(44.3840, 7.6987,
4.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	31273C
RGB	49, 39, 60
RGB Percent	19%, 15%, 24%
CMY	0.8078, 0.8471, 0.7647
CMYK	0.18, 0.35, 0.00, 0.76
HSL	269°, 21%, 19%
HSV	269°, 35%, 24%
XYZ	2.8078, 2.4303, 4.5961
YIQ	44.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

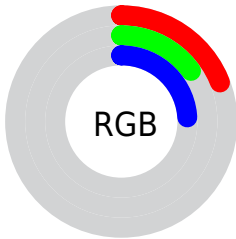
Format	Color
RYB	49, 39, 60
Decimal	3221308
CIELab	17.60, 9.74, -11.71
CIELCh	18, 15.225, 309.753
Yxy	2.4303, 0.2855, 0.2471
Android (android.graphics.Color)	4281411388 (0xFF31273C)
YUV	44.3840, 7.6987, 4.0482
Hunter-Lab	15.5893, 4.8681, -6.5675

Details

The YUV color **44.3840, 7.6987, 4.0482** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.6160, -7.6987, -4.0482**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9110, 8.4249, 4.4631**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **39.9650, 9.8773, 5.2927**, and if you desaturate by 10%, it is **48.8030, 5.5201, 2.8038**.

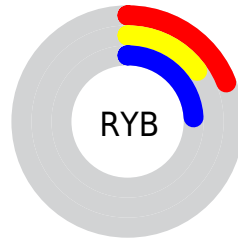
Distribution



 Red (19%)

 Green (15%)

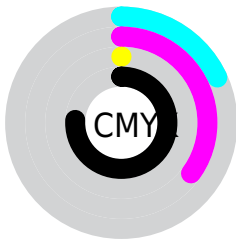
 Blue (24%)



 Red (19%)

 Yellow (15%)

 Blue (24%)

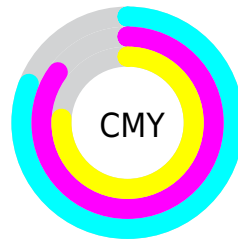


 Cyan (18%)

 Magenta (35%)

 Yellow (0%)

 Black (76%)



 Cyan (81%)

 Magenta (85%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3840, 7.6987, 4.0482 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 44.3840, 7.6987, 4.0482 by changing the saturation by 10% instead.

■ 44.3840, 7.6987,
4.0482

■ 44.3840, 7.6987,
4.0482

■ 255.0000, 0.0000,
0.0000

■ 23.8570, 6.9725,
3.6334

■ 89.9110, 8.4249,
4.4631

■ 2.5250, 7.1362,
-2.2144

■ 114.4380, 9.1511,
4.8779

■ 0.0000, 0.0000,
0.0000

■ 140.4380, 9.1511,
4.8779

■ 166.8510, 9.4405,
5.3927

■ 193.8510, 9.4405,
5.3927

■ 221.3780, 10.1666,

5.8075

247.9560, 3.4727,
6.1776

44.3840, 7.6987,
4.0482

44.3840, 7.6987,
4.0482

39.9650, 9.8773,
5.2927

48.8030, 5.5201,
2.8038

35.5460, 12.0558,
6.5372

53.2220, 3.3416,
1.5593

31.1270, 14.2344,
7.7816

57.6410, 1.1630,
0.3148

26.4090, 16.5604,
8.4113

62.3590, -1.1630,
-0.3148

21.9900, 18.7389,
9.6558

66.7780, -3.3416,
-1.5593

■ 17.5710, 20.9175,
10.9002

■ 71.1970, -5.5201,
-2.8038

■ 15.5110, 21.9331,
11.8299

■ 75.6160, -7.6987,
-4.0482

■ 80.0350, -9.8773,
-5.2927

■ 84.4540, -12.0558,
-6.5372

Harmonies

Analogous

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



42.5180, 11.0836, -8.3473



44.3840, 7.6987, 4.0482



44.8860, 3.0142, 13.2550

Triad

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



44.3840, 7.6987, 4.0482



43.1450, -9.9315, 12.1508



35.5020, 5.1755, -26.7503

Complementary

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



44.3840, 7.6987, 4.0482



54.6160, -7.6987, -4.0482

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.



38.4450, -1.6984, -15.2993



44.3840, 7.6987, 4.0482



42.2750, -10.4886, 4.1438

Square

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



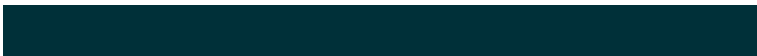
44.3840, 7.6987, 4.0482



43.3890, -6.6008, 17.1988



41.0180, -7.4039, -5.2778



34.6740, 11.0067, -30.4091

Rectangle

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



44.3840, 7.6987, 4.0482



44.3980, -0.1962, 16.3140



41.0180, -7.4039, -5.2778



36.6550, 3.1281, -23.3764

Sweetspot

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



44.3840, 7.6987, 4.0482



72.2220, 3.3416, 1.5593



47.8510, 5.9895, -7.7623



36.5810, 2.1786, 1.2445



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



44.3840, 7.6987, 4.0482



54.5460, 12.0558, 6.5372



47.3740, 6.2246, 10.1960



28.6410, 1.1630, 0.3148



24.1710, 34.4257, 18.2670



57.0020, 81.3440, 42.9712

Inverse Universe

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



46.5330, 1.7092, 11.8106



57.8050, 2.5611, 18.5880



51.6260, -6.2246, -10.1960



29.0110, -0.0054, 1.7444



33.6920, 7.5468, 52.8901



79.6020, 17.9442, 124.8830

Previews

White Background



This preview shows how the YUV color 44.3840, 7.6987, 4.0482 looks on a white background.

Color Contrast Check

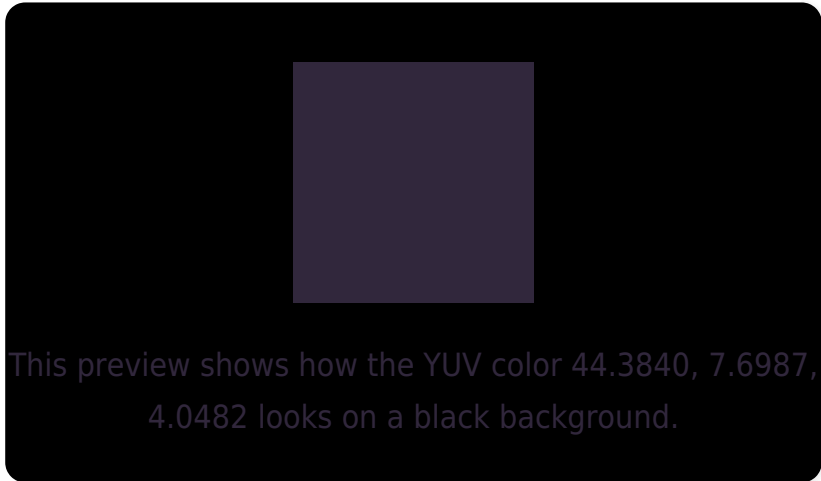
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3840, 7.6987, 4.0482

Background



This preview shows how black text looks on a background with the YUV color 44.3840, 7.6987, 4.0482.

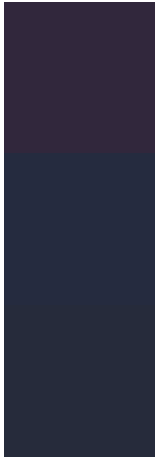


This preview shows how white text looks on a background with the YUV color 44.3840, 7.6987, 4.0482.

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

44.3840, 7.6987, 4.0482

Protanopia

43.4860, 9.6204, -5.6882

Deuteranopia

43.3290, 7.7258, -4.6735



Tritanopia

43.8370, 0.5734, 2.7740

Trichromacy



Original Color

44.3840, 7.6987, 4.0482

Protanomaly

43.9810, 8.8834, -2.6143

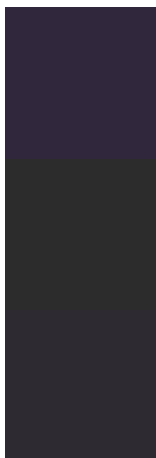
Deuteranomaly

43.9380, 7.4256, -1.6996

Tritanomaly

44.1190, 2.8993, 3.4036

Monochromacy



Original Color

44.3840, 7.6987, 4.0482

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3840, 7.6987, 4.0482 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(49, 39, 60)` looks like.

```
.text, #text, p{  
    color:rgb(49, 39, 60)  
}
```

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(49, 39, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 39, 60) }
```

Border

The CSS property to change the border of an element to YUV 44.3840, 7.6987, 4.0482 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(49, 39, 60) }
```


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

```
.border{ border-color:rgb(49, 39, 60) }
```

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

Here you see how a box with a 4 pixel rgb(49, 39, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 39, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 39, 60);  
box-shadow:4px 4px 4px 4px rgb(49, 39, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.3840, 7.6987, 4.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 39, 60) }
```

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

```
.background{ background-color: rgb(49, 39,  
60) }
```

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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