

Converting Colors

YUV(39.6460, 7.0765, 16.9735)

Have a look what the booklet for
YUV(39.6460, 7.0765, 16.9735)
contains.

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Color

**YUV(39.6460, 7.0765,
16.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1B36
RGB	59, 27, 54
RGB Percent	23%, 11%, 21%
CMY	0.7686, 0.8941, 0.7882
CMYK	0.00, 0.54, 0.08, 0.77
HSL	309°, 37%, 17%
HSV	309°, 54%, 23%
XYZ	2.8614, 1.9800, 3.7214
YIQ	39.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

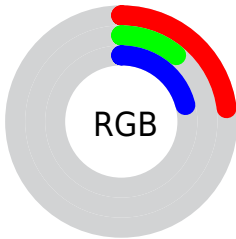
Format	Color
R_{YB}	59, 27, 54
Decimal	3873590
CIE Lab	15.38, 20.28, -10.80
CIE LCh	15, 22.972, 331.962
Yxy	1.9800, 0.3342, 0.2312
Android (android.graphics.Color)	4282063670 (0xFF3B1B36)
YUV	39.6460, 7.0765, 16.9735
Hunter-Lab	14.0713, 11.6735, -5.8303

Details

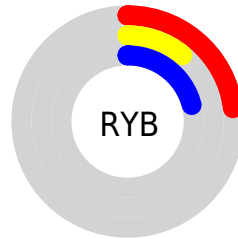
The YUV color **39.6460, 7.0765, 16.9735** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.3540, -7.0765, -16.9735**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.7710, 7.5079, 18.6178**, and **0.7980, 3.0576, -0.6998** is the 20% darker color. If you saturate the color by 10%, you get **36.0100, 8.3761, 20.1622**, and if you desaturate by 10%, it is **43.2820, 5.7770, 13.7847**.

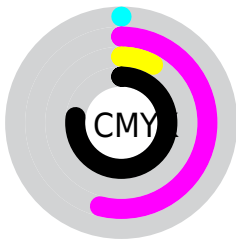
Distribution



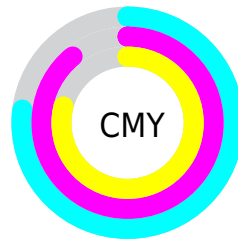
- Red (23%)
- Green (11%)
- Blue (21%)



- Red (23%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (8%)
- Black (77%)



- Cyan (77%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6460, 7.0765, 16.9735 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 39.6460, 7.0765, 16.9735 by changing the saturation by 10% instead.

■ 39.6460, 7.0765,
16.9735

■ 39.6460, 7.0765,
16.9735

255.0000, 0.0000,
0.0000

■ 17.1730, 7.8027,
17.3883

■ 85.7710, 7.5079,
18.6178

■ 0.7980, 3.0576,
-0.6998

■ 110.4830, 7.6499,
19.7474

■ 0.0000, 0.0000,
0.0000

■ 135.8960, 7.9393,
20.2622

■ 162.1950, 7.7919,
20.8770

■ 189.6080, 8.0813,
21.3918

■ 217.3200, 8.2232,

22.5214

239.7380, 7.5242,
13.3848

39.6460, 7.0765,
16.9735

39.6460, 7.0765,
16.9735

36.0100, 8.3761,
20.1622

43.2820, 5.7770,
13.7847

32.3740, 9.6756,
23.3510

46.9180, 4.4774,
10.5959

28.7380, 10.9752,
26.5398

50.5540, 3.1779,
7.4071

25.1020, 12.2747,
29.7285

54.1900, 1.8783,
4.2184

23.3410, 13.1429,
31.2729

57.8260, 0.5788,
1.0296

■ 60.8750, -0.4314,
-1.6444

■ 64.3970, -2.1677,
-4.7332

■ 68.0330, -3.4673,
-7.9219

■ 71.6690, -4.7668,
-11.1107

Harmonies

Analogous

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



39.4420, 13.0931, 0.4894



39.6460, 7.0765, 16.9735



37.8660, 0.0661, 25.5505

Triad

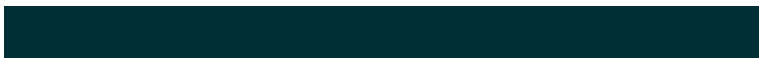
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.6460, 7.0765, 16.9735



36.3590, -17.9250, 9.3322



33.2720, 10.7119, -29.1795

Complementary

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



39.6460, 7.0765, 16.9735



46.3540, -7.0765, -16.9735

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.



31.4480, 3.7231, -27.5799



39.6460, 7.0765, 16.9735



34.3080, -13.9558, -3.7781

Square

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



39.6460, 7.0765, 16.9735



37.1090, -15.3367, 19.1984



30.4180, -4.1501, -22.2916



33.4660, 16.5323, -29.3497

Rectangle

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



39.6460, 7.0765, 16.9735



37.4980, -5.1755, 26.7503



30.4180, -4.1501, -22.2916



32.7020, 8.5279, -28.6797

Sweetspot

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



39.6460, 7.0765, 16.9735



69.1410, 2.8885, 6.8923



32.1430, 13.2405, -0.1254



33.7770, 1.5889, 3.7036



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



39.6460, 7.0765, 16.9735



46.7380, 10.9752, 26.5398



37.8220, 0.0878, 18.5731



29.1250, 0.4314, 1.6444



37.2260, 21.0876, 49.7908



87.6960, 48.9569, 117.7846

Inverse Universe

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



39.6460, 7.0765, 16.9735



46.7380, 10.9752, 26.5398



48.1780, -0.0878, -18.5731



29.1250, 0.4314, 1.6444



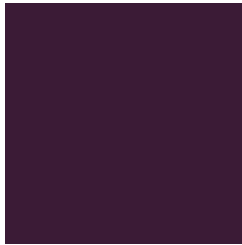
37.2260, 21.0876, 49.7908



87.6960, 48.9569, 117.7846

Previews

White Background



This preview shows how the YUV color 39.6460, 7.0765, 16.9735 looks on a white background.

Color Contrast Check

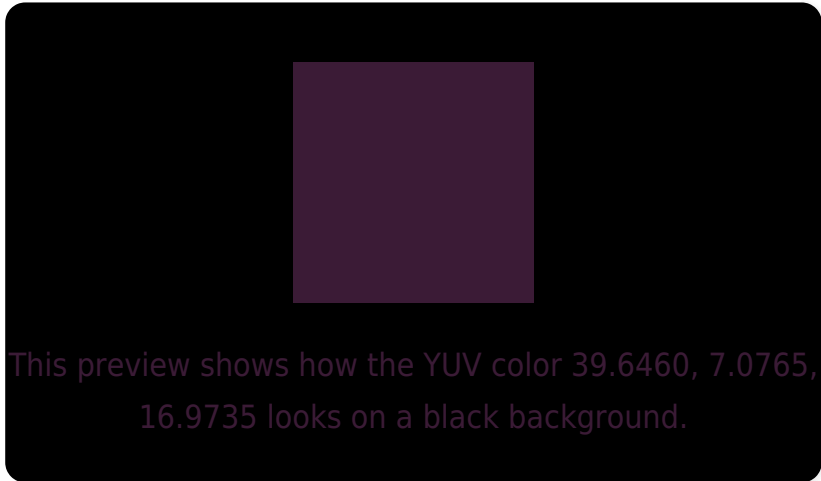
Large Text (above 18pt) WCAG AA ✓ Pass

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

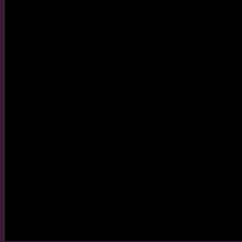
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6460, 7.0765, 16.9735

Background



This preview shows how black text looks on a background with the YUV color 39.6460, 7.0765, 16.9735.



This preview shows how white text looks on a background with the YUV color 39.6460, 7.0765,

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

39.6460, 7.0765, 16.9735

Protanopia

38.4580, 12.0992, -7.4177

Deuteranopia

39.5850, 6.1206, -3.1440



Tritanopia

39.7030, -2.8116, 15.1695

Trichromacy



Original Color

39.6460, 7.0765, 16.9735

Protanomaly

39.0570, 10.3249, 1.7040

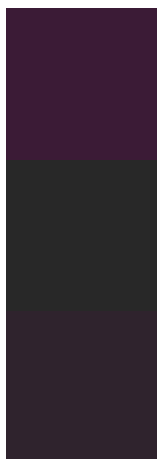
Deuteranomaly

39.7430, 6.5357, 3.7334

Tritanomaly

39.6260, 0.6774, 16.1140

Monochromacy



Original Color

39.6460, 7.0765, 16.9735

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7280, 2.5991, 6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6460, 7.0765, 16.9735 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(59, 27, 54)` looks like.

```
.text, #text, p{  
    color:rgb(59, 27, 54)  
}
```

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(59, 27, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 27, 54) }
```

Border

The CSS property to change the border of an element to YUV 39.6460, 7.0765, 16.9735 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(59, 27, 54) }
```


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

```
.border{ border-color:rgb(59, 27, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 27, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 27, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 27, 54);  
box-shadow:4px 4px 4px 4px rgb(59, 27, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6460, 7.0765, 16.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 27, 54) }
```

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

```
.background{ background-color: rgb(59, 27,  
54) }
```

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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