

Converting Colors

YUV(39.6660, -0.3283, -34.7871)

Have a look what the booklet for
YUV(39.6660, -0.3283, -34.7871)
contains.

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Color

**YUV(39.6660, -0.3283,
-34.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	003C27
RGB	0, 60, 39
RGB Percent	0%, 24%, 15%
CMY	1.0000, 0.7647, 0.8471
CMYK	1.00, 0.00, 0.35, 0.76
HSL	159°, 100%, 12%
HSV	159°, 100%, 24%
XYZ	1.9821, 3.3782, 2.4670
YIQ	39.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

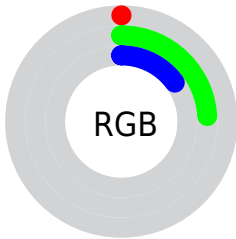
Format	Color
RYB	0, 36, 60
Decimal	15399
CIELab	21.50, -24.01, 8.06
CIELCh	21, 25.326, 161.443
Yxy	3.3782, 0.2532, 0.4316
Android (android.graphics.Color)	4278205479 (0xFF003C27)
YUV	39.6660, -0.3283, -34.7871
Hunter-Lab	18.3799, -12.9155, 4.9077

Details

The YUV color **39.6660, -0.3283, -34.7871** is a dark color, and the **websafe** version is hex **003333**. A complement of this color would be **20.3340, 0.3283, 34.7871**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4170, -2.6706, -30.1837**, and **5.8700, -2.8939, -5.1480** is the 20% darker color. If you saturate the color by 10%, you get **39.6660, -0.3283, -34.7871**, and if you desaturate by 10%, it is **41.6880, -0.3392, -31.2984**.

Distribution



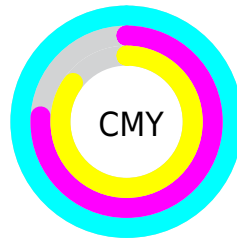
- Red (0%)
- Green (24%)
- Blue (15%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6660, -0.3283, -34.7871 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 39.6660, -0.3283, -34.7871 by changing the saturation by 10% instead.

■ 39.6660, -0.3283,
-34.7871

■ 64.3460, -1.6496,
-30.9984

■ 89.4170, -2.6706,
-30.1837

■ 114.8900, -3.3968,
-30.5985

■ 140.5910, -3.2494,
-31.2133

■ 167.1780, -3.5388,
-31.7281

■ 194.7650, -3.8281,
-32.2429

■ 222.6510, -4.2649,
-32.1429

■ 241.3730, 0.8021,
-24.0061

■ 251.1130, 1.9163,
-7.9921

■ 39.6660, -0.3283,
-34.7871

■ 24.4720, -2.6977,
-21.4619

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 39.6660, -0.3283,
-34.7871

■ 41.6880, -0.3392,
-31.2984

■ 43.7100, -0.3500,
-27.8097

■ 45.7320, -0.3609,
-24.3210

■ 47.7540, -0.3717,
-20.8323

■ 49.7760, -0.3826,
-17.3436

■ 51.9120, 0.0434,
-13.9548

■ 53.9340, 0.0325,
-10.4661

■ 55.9560, 0.0217,
-6.9774

■ 57.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



46.4320, -12.0450, -10.0259



39.6660, -0.3283, -34.7871



42.4190, 7.6814, -37.2015

Triad

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



39.6660, -0.3283, -34.7871



49.2380, 19.1097, -15.9947



50.9020, -11.2907, 28.1499

Complementary

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



39.6660, -0.3283, -34.7871



20.3340, 0.3283, 34.7871

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.



51.3890, -3.1498, 30.3538



39.6660, -0.3283, -34.7871



53.4860, 13.0714, 7.4668

Square

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



39.6660, -0.3283, -34.7871



43.3770, 21.5061, -38.0416



52.9350, 5.4550, 23.7360



50.2400, -17.3733, 19.0835

Rectangle

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



39.6660, -0.3283, -34.7871



43.3140, 13.6492, -37.9864



52.9350, 5.4550, 23.7360



50.8960, -8.8227, 29.9092

Sweetspot

The sweet spot groups the original color and five complimentary colors.



39.6660, -0.3283, -34.7871



70.9120, 0.0434, -13.9548



41.4990, -20.4590, -17.9776



35.9450, 0.0271, -8.7218



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 39.6660, -0.3283, -34.7871 looks on a white background.

Color Contrast Check

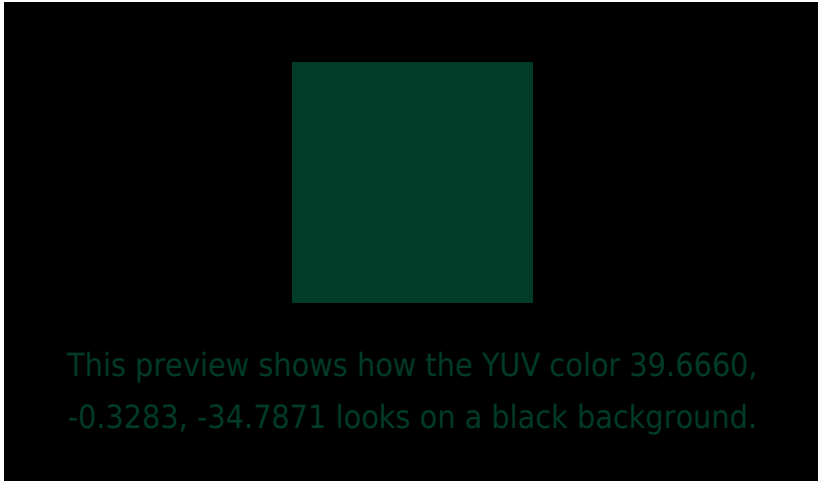
Large Text (above 18pt) WCAG AA ✓ Pass

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

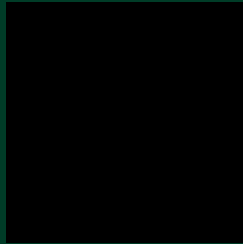
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6660, -0.3283, -34.7871

Background



This preview shows how black text looks on a background with the YUV color 39.6660, -0.3283, -34.7871.

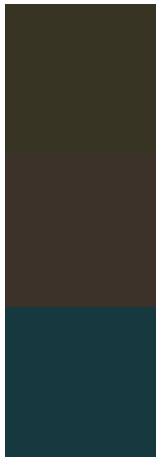


This preview shows how white text looks on a background with the YUV color 39.6660, -0.3283, -34.7871.

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

51.3720, -7.5784, 4.0588

Deuteranopia

52.2630, -5.5527, 7.6623

Tritanopia

46.8060, 7.4906, -22.6319

Trichromacy



Protanomaly

47.2670, -5.0616, -9.8812

Deuteranomaly

47.9190, -3.9041, -7.8220

Tritanomaly

44.0890, 4.8861, -27.2651

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6240, 0.1854, -12.8252

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6660, -0.3283, -34.7871 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(0, 60, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 39)  
}
```


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(0, 60, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 39) }
```

Border

The CSS property to change the border of an element to YUV 39.6660, -0.3283, -34.7871 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(0, 60, 39) }
```

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

```
.border{ border-color:rgb(0, 60, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 39); box-shadow:4px  
4px 4px 4px rgb(0, 60, 39) }
```

Background

The CSS property to change the background color of an element to YUV 39.6660, -0.3283, -34.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 39) }
```

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

```
.background{ background-color: rgb(0, 60,  
39) }
```

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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