

Converting Colors

YUV(38.5550, 8.1074, -33.8127)

Have a look what the booklet for
YUV(38.5550, 8.1074, -33.8127)
contains.

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Color

**YUV(38.5550, 8.1074,
-33.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	003737
RGB	0, 55, 55
RGB Percent	0%, 22%, 22%
CMY	1.0000, 0.7843, 0.7843
CMYK	1.00, 0.00, 0.00, 0.78
HSL	180°, 100%, 11%
HSV	180°, 100%, 22%
XYZ	2.0558, 3.0082, 4.0867
YIQ	38.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

Format	Color
RYB	0, 28, 55
Decimal	14135
CIELab	20.08, -16.19, -4.76
CIELCh	20, 16.879, 196.386
Yxy	3.0082, 0.2247, 0.3287
Android (android.graphics.Color)	4278204215 (0xFF003737)
YUV	38.5550, 8.1074, -33.8127
Hunter-Lab	17.3442, -9.1951, -1.8292

Details

The YUV color **38.5550, 8.1074, -33.8127** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.4450, -8.1074, 33.8127**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9470, 6.9281, -28.8945**, and **1.9550, 4.9522, -1.7145** is the 20% darker color. If you saturate the color by 10%, you get **38.5550, 8.1074, -33.8127**, and if you desaturate by 10%, it is **40.0500, 7.3704, -30.7388**.

Distribution



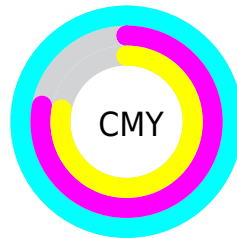
- Red (0%)
- Green (22%)
- Blue (22%)



- Red (0%)
- Yellow (11%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.5550, 8.1074, -33.8127 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 38.5550, 8.1074, -33.8127 by changing the saturation by 10% instead.

■ 38.5550, 8.1074,
-33.8127

■ 38.5550, 8.1074,
-33.8127

■ 251.4120, 1.7689,
-7.3773

■ 23.2470, 5.3012,
-20.3876

■ 87.9470, 6.9281,
-28.8945

■ 1.9550, 4.9522,
-1.7145

■ 112.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 138.6480, 7.0755,
-29.5093

■ 165.5340, 6.6387,
-29.4093

■ 192.9360, 6.9336,
-30.6389

■ 220.9360, 6.9336,

-30.6389

■ 242.7410, 6.0437,
-25.2059

■ 38.5550, 8.1074,
-33.8127

■ 40.0500, 7.3704,
-30.7388

■ 41.8440, 6.4859,
-27.0502

■ 43.6380, 5.6015,
-23.3615

■ 45.1330, 4.8644,
-20.2876

■ 46.9270, 3.9800,
-16.5990

■ 48.4220, 3.2430,
-13.5251

■ 50.2160, 2.3585,
-9.8364

■ 51.7110, 1.6215,
-6.7625

■ 53.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



42.7540, -0.3717, -20.8323



38.5550, 8.1074, -33.8127



39.2220, 13.2016, -34.3977

Triad

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



38.5550, 8.1074, -33.8127



50.1070, 7.8352, 6.9222



47.9770, -11.8207, 11.4212

Complementary

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



38.5550, 8.1074, -33.8127



16.4450, -8.1074, 33.8127

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.



48.8190, -8.7848, 17.6987



38.5550, 8.1074, -33.8127



49.7940, 2.5666, 16.8437

Square

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



38.5550, 8.1074, -33.8127



48.0560, 11.8044, -6.1881



49.2090, -3.5540, 19.9877



47.0360, -11.3567, 2.5994

Rectangle

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



38.5550, 8.1074, -33.8127



41.6080, 14.4903, -27.7202



49.2090, -3.5540, 19.9877



48.2270, -10.9579, 14.7099

Sweetspot

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



38.5550, 8.1074, -33.8127



64.7210, 3.0955, -12.9103



32.2850, -15.9165, -28.3139



32.1130, 1.9163, -7.9921



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



38.5550, 8.1074, -33.8127



49.7710, 10.4659, -43.6492



22.7060, 15.9209, -19.9132



27.1030, 0.4422, -1.8443



64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Inverse Universe

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



22.7150, 15.9165, 28.3139



29.3230, 20.5468, 36.5507



32.8810, -16.2103, 19.3984



26.2390, 0.8682, 1.5444



37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 38.5550, 8.1074, -33.8127 looks on a white background.

Color Contrast Check

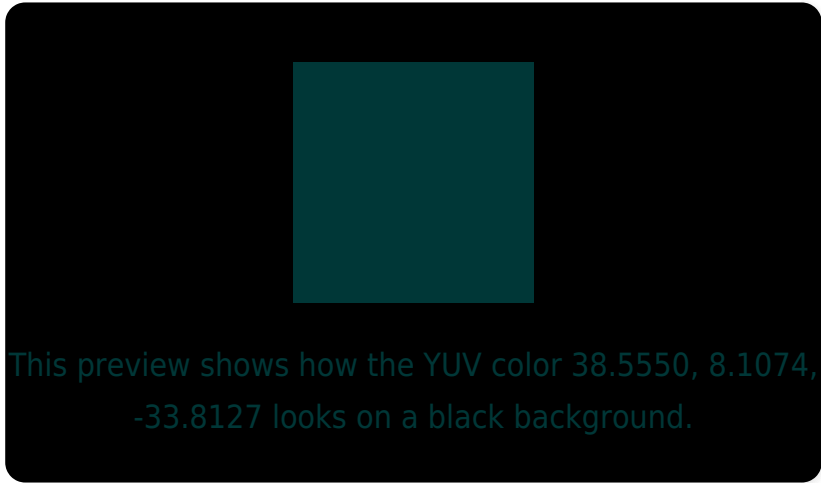
Large Text (above 18pt) WCAG AA ✓ Pass

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

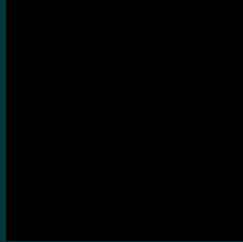
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

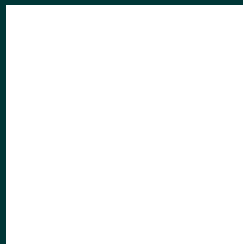
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.5550, 8.1074, -33.8127

Background



This preview shows how black text looks on a background with the YUV color 38.5550, 8.1074, -33.8127.



This preview shows how white text looks on a background with the YUV color 38.5550, 8.1074, -33.8127.

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

38.5550, 8.1074, -33.8127

Protanopia

49.2280, 0.8736, -0.2000

Deuteranopia

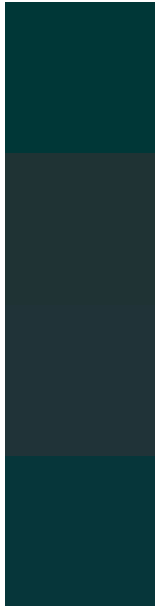
49.6240, 3.6364, 0.3298



Tritanopia

41.4140, 8.6699, -27.5501

Trichromacy



Original Color

38.5550, 8.1074, -33.8127

Protanomaly

45.1340, 3.3849, -12.3955

Deuteranomaly

45.8890, 4.9847, -12.1807

Tritanomaly

40.1040, 8.8227, -29.9092

Monochromacy



Original Color

38.5550, 8.1074, -33.8127

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5550, 8.1074, -33.8127 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, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 55)  
}
```

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, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 55) }
```

Border

The CSS property to change the border of an element to YUV 38.5550, 8.1074, -33.8127 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, 55, 55) }
```


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

```
.border{ border-color:rgb(0, 55, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 55); box-shadow:4px  
4px 4px 4px rgb(0, 55, 55) }
```

Background

The CSS property to change the background color of an element to YUV 38.5550, 8.1074, -33.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 55) }
```

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

```
.background{ background-color: rgb(0, 55,  
55) }
```

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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