

Converting Colors

YUV(39.5540, -0.2731, -5.7479)

Have a look what the booklet for
YUV(39.5540, -0.2731, -5.7479)
contains.

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Color

**YUV(39.5540, -0.2731,
-5.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	212B27
RGB	33, 43, 39
RGB Percent	13%, 17%, 15%
CMY	0.8706, 0.8314, 0.8471
CMYK	0.23, 0.00, 0.09, 0.83
HSL	156°, 13%, 15%
HSV	156°, 23%, 17%
XYZ	1.8573, 2.1976, 2.2457
YIQ	39.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

Format	Color
R_{YB}	33, 39, 43
Decimal	2173735
CIE Lab	16.49, -5.38, 1.17
CIE LCh	16, 5.503, 167.704
Yxy	2.1976, 0.2948, 0.3488
Android (android.graphics.Color)	4280363815 (0xFF212B27)
YUV	39.5540, -0.2731, -5.7479
Hunter-Lab	14.8242, -3.5786, 1.3950

Details

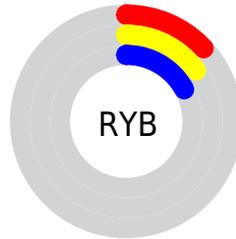
The YUV color **39.5540, -0.2731, -5.7479** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.4460, 0.2731, 5.7479**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.2550, -0.1257, -6.3626**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.1300, -0.5571, -8.0070**, and if you desaturate by 10%, it is **40.9780, 0.0108, -3.4887**.

Distribution



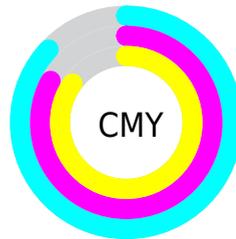
- Red (13%)
- Green (17%)
- Blue (15%)



- Red (13%)
- Yellow (15%)
- Blue (17%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (83%)



- Cyan (87%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5540, -0.2731, -5.7479 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 39.5540, -0.2731, -5.7479 by changing the saturation by 10% instead.

■ 39.5540, -0.2731,
-5.7479

■ 39.5540, -0.2731,
-5.7479

255.0000, 0.0000,
0.0000

■ 18.8420, -0.4151,
-6.8774

■ 84.2550, -0.1257,
-6.3626

■ 0.0000, 0.0000,
0.0000

■ 108.8420, -0.4151,
-6.8774

■ 133.8420, -0.4151,
-6.8774

■ 160.4290, -0.7045,
-7.3922

■ 187.4290, -0.7045,
-7.3922

■ 215.1300, -0.5571,

-8.0070

■ 243.4290, -0.7045,
-7.3922

■ 39.5540, -0.2731,
-5.7479

■ 39.5540, -0.2731,
-5.7479

■ 38.1300, -0.5571,
-8.0070

■ 40.9780, 0.0108,
-3.4887

■ 36.5210, -0.2569,
-10.9809

■ 42.5870, -0.2894,
-0.5148

■ 35.0970, -0.5408,
-13.2401

■ 44.0110, -0.0054,
1.7444

■ 33.6730, -0.8248,
-15.4992

■ 45.4350, 0.2785,
4.0035

■ 32.2490, -1.1088,
-17.7584

■ 47.1580, 0.4151,
6.8774

■ 30.6400, -0.8085,
-20.7323

■ 48.4680, 0.2623,
9.2366

■ 29.2160, -1.0925,
-22.9914

■ 49.8920, 0.5462,
11.4957

■ 28.2050, -1.0871,
-24.7358

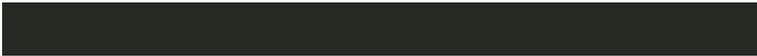
■ 51.3160, 0.8302,
13.7549

■ 52.9250, 0.5300,
16.7288

Harmonies

Analogous

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



39.7070, -2.3206, -2.3740



39.5540, -0.2731, -5.7479



39.4120, 1.7689, -7.3773

Triad

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



39.5540, -0.2731, -5.7479



40.9120, 3.4944, -0.7998



41.2350, -3.0739, 5.9329

Complementary

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



39.5540, -0.2731, -5.7479



36.4460, 0.2731, 5.7479

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.



41.4030, -1.1847, 6.6626



39.5540, -0.2731, -5.7479



41.2930, 2.3206, 2.3740

Square

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



39.5540, -0.2731, -5.7479



40.5910, 3.6526, -4.9033



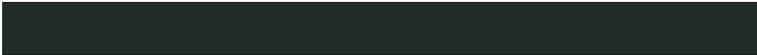
41.5600, 0.7099, 5.6479



40.9960, -3.9420, 4.3885

Rectangle

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



39.5540, -0.2731, -5.7479



39.6400, 2.6425, -7.5773



41.5600, 0.7099, 5.6479



41.6480, -2.7845, 6.4477

Sweetspot

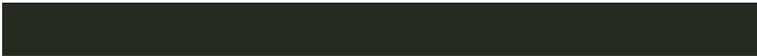
The Sweet Spot groups the original color and five complimentary colors.



39.5540, -0.2731, -5.7479



54.6900, 0.1528, -2.3591



40.0660, -3.4835, -2.6889



27.2880, -0.1420, -1.1296



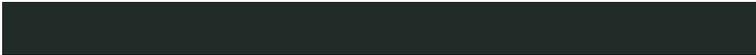
156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



39.5540, -0.2731, -5.7479



50.5320, -0.2623, -9.2366



39.4230, 1.7635, -5.6330



19.4020, 0.2948, -1.2296



55.0080, -2.4689, -48.2420



138.9220, -5.8775, -121.8346

Inverse Universe

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



36.4460, 0.2731, 5.7479



45.5820, 0.6991, 9.1366



36.5770, -1.7635, 5.6330



18.7120, 0.1420, 1.1296



28.9920, 2.4689, 48.2420



73.0780, 5.8775, 121.8346

Previews

White Background



This preview shows how the YUV color 39.5540, -0.2731, -5.7479 looks on a white background.

Color Contrast Check

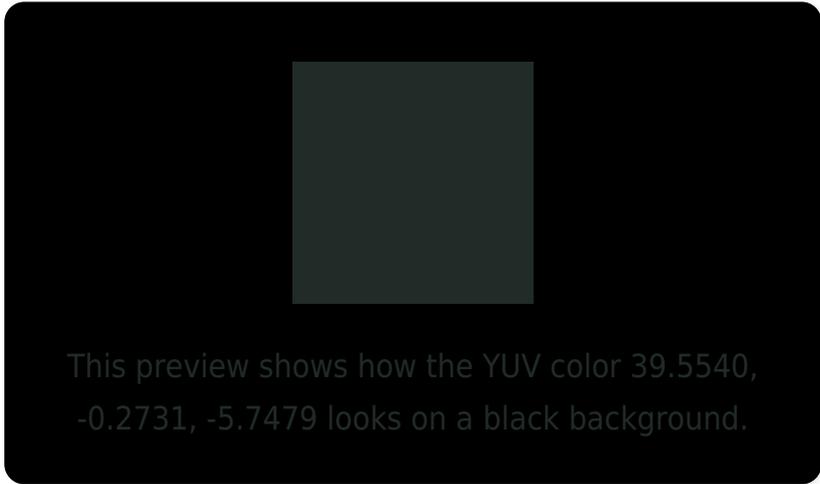
Large Text (above 18pt) WCAG AA ✓ Pass

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

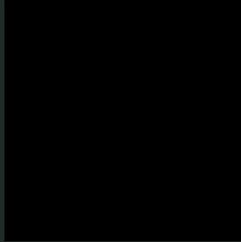
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

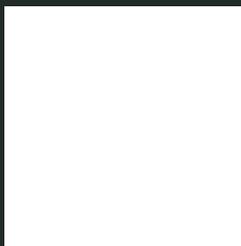
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 39.5540, -0.2731, -5.7479

Background



This preview shows how black text looks on a background with the YUV color 39.5540, -0.2731, -5.7479.



This preview shows how white text looks on a background with the YUV color 39.5540, -0.2731, -5.7479.

-5.7479.

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

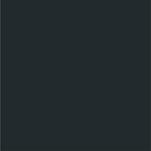
39.5540, -0.2731, -5.7479

Protanopia

40.9570, -1.4578, 0.9147

Deuteranopia

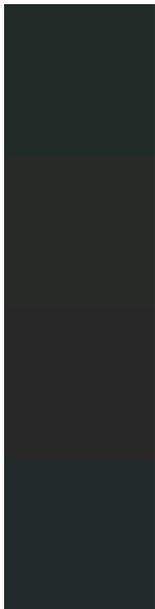
40.9080, -0.4476, 3.5887



Tritanopia

39.9500, 2.4896, -5.2182

Trichromacy



Original Color

39.5540, -0.2731, -5.7479

Protanomaly

40.6470, -1.3050, -1.4444

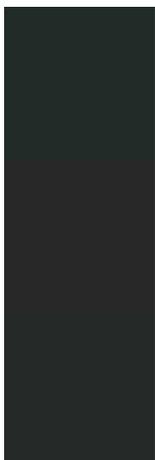
Deuteranomaly

40.2990, -0.1474, 0.6148

Tritanomaly

39.7220, 1.6161, -5.0182

Monochromacy



Original Color

39.5540, -0.2731, -5.7479

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5540, -0.2731, -5.7479 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(33, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(33, 43, 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(33, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 43, 39) }
```

Border

The CSS property to change the border of an element to YUV 39.5540, -0.2731, -5.7479 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(33, 43, 39) }
```

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

```
.border{ border-color:rgb(33, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(33, 43, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.5540, -0.2731, -5.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 43, 39) }
```

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

```
.background{ background-color: rgb(33, 43,  
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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