

Converting Colors

YUV(43.4500, -6.1378, -38.1056)

Have a look what the booklet for
YUV(43.4500, -6.1378, -38.1056)
contains.

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Color

**YUV(43.4500, -6.1378,
-38.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	00441F
RGB	0, 68, 31
RGB Percent	0%, 27%, 12%
CMY	1.0000, 0.7333, 0.8784
CMYK	1.00, 0.00, 0.54, 0.73
HSL	147°, 100%, 13%
HSV	147°, 100%, 27%
XYZ	2.3144, 4.2332, 1.9914
YIQ	43.4500, -28.6510, -25.9230

Conversions

Conversions Part 2

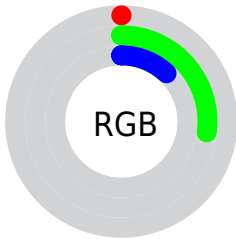
Format	Color
RYB	0, 47, 68
Decimal	17439
CIELab	24.43, -29.33, 17.01
CIELCh	24, 33.908, 149.894
Yxy	4.2332, 0.2710, 0.4957
Android (android.graphics.Color)	4278207519 (0xFF00441F)
YUV	43.4500, -6.1378, -38.1056
Hunter-Lab	20.5747, -15.9262, 8.6636

Details

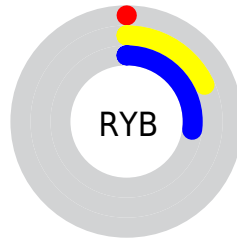
The YUV color **43.4500, -6.1378, -38.1056** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.5500, 6.1378, 38.1057**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6850, -9.2117, -32.1727**, and **14.0880, -6.9454, -12.3552** is the 20% darker color. If you saturate the color by 10%, you get **43.4500, -6.1378, -38.1056**, and if you desaturate by 10%, it is **45.9990, -5.4225, -34.2021**.

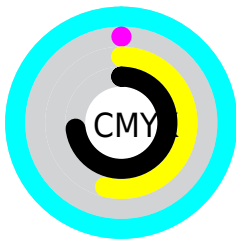
Distribution



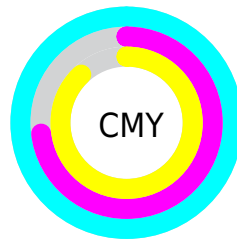
- Red (0%)
- Green (27%)
- Blue (12%)



- Red (0%)
- Yellow (18%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (73%)





- Cyan (100%)
- Magenta (73%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the YUV color 43.4500, -6.1378, -38.1056 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 43.4500, -6.1378, -38.1056 by changing the saturation by 10% instead.


 43.4500, -6.1378,
-38.1056


 43.4500, -6.1378,
-38.1056

 252.6080, 1.1793,
-4.9182


 27.3270, -9.5282,
-23.9658


 94.6850, -9.2117,
-32.1727


 14.0880, -6.9454,
-12.3552

 120.1580, -9.9379,
-32.5876

 0.0000, 0.0000,
0.0000

 146.6310,
-10.6641, -33.0024


 173.2180,
-10.9535, -33.5172


 200.8050,
-11.2429, -34.0320


 229.2780,


-11.9691, -34.4468


 241.4290, -4.1555,
-20.5472


 43.4500, -6.1378,
-38.1056

 45.9990, -5.4225,
-34.2021

 48.4340, -5.1440,
-30.1986

 50.6840, -4.2812,
-26.9099

 53.2330, -3.5659,
-23.0063

 55.7820, -2.8505,
-19.1028

■ 58.2170, -2.5720,
-15.0993

■ 60.7660, -1.8566,
-11.1958

■ 63.0160, -0.9939,
-7.9070

■ 65.4510, -0.7153,
-3.9035

Harmonies

Analogous

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



51.9350, -21.6600, -6.0820



43.4500, -6.1378, -38.1056



47.5880, 4.6401, -41.7347

Triad

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



43.4500, -6.1378, -38.1056



48.2330, 29.9581, -42.3003



55.5060, -10.6025, 40.7752

Complementary

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



43.4500, -6.1378, -38.1056



24.5500, 6.1378, 38.1057

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.



56.5950, 1.1857, 39.8202



43.4500, -6.1378, -38.1056



58.7220, 21.8291, -1.5102

Square

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



43.4500, -6.1378, -38.1056



50.9570, 25.1642, -44.6893



59.3680, 12.1436, 25.1103



55.8670, -21.6264, 29.9346

Rectangle

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



43.4500, -6.1378, -38.1056



49.6400, 12.5025, -43.5343



59.3680, 12.1436, 25.1103



55.8420, -6.8241, 42.2346

Sweetspot

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



43.4500, -6.1378, -38.1056



79.3310, -2.1352, -15.1993



50.9790, -25.1326, -12.2596



39.8910, -1.4253, -9.5514



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



43.4500, -6.1378, -38.1056



56.9170, -7.8471, -49.9162



47.3260, 8.7133, -41.5049



31.8750, -0.4314, -1.6444



61.9550, -8.8518, -54.3345



143.1160, -20.2702, -125.5127

Inverse Universe

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



24.5500, 6.1378, 38.1057



32.1970, 8.2839, 49.8162



20.6740, -8.7133, 41.5049



31.1250, 0.4314, 1.6444



35.0450, 8.8518, 54.3345



80.8840, 20.2702, 125.5127

Previews

White Background



This preview shows how the YUV color 43.4500, -6.1378, -38.1056 looks on a white background.

Color Contrast Check

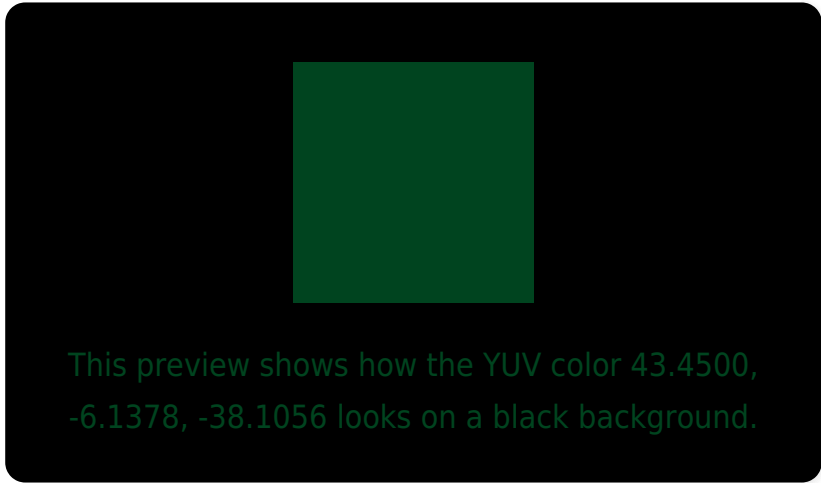
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4500, -6.1378, -38.1056

Background



This preview shows how black text looks on a background with the YUV color 43.4500, -6.1378, -38.1056.



This preview shows how white text looks on a background with the YUV color 43.4500, -6.1378,

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

43.4500, -6.1378, -38.1056

Protanopia

57.2600, -14.4252, 6.7880

Deuteranopia

57.9770, -11.8207, 11.4212



Tritanopia

53.5070, 7.6380, -23.2466

Trichromacy



Original Color

43.4500, -6.1378, -38.1056

Protanomaly

51.9590, -11.3188, -9.6110

Deuteranomaly

52.4370, -9.5824, -6.5222

Tritanomaly

49.5080, 2.7076, -28.5095

Monochromacy



Original Color

43.4500, -6.1378, -38.1056

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0430, -1.9932, -14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4500, -6.1378, -38.1056 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, 68, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 31)  
}
```

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, 68, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 31) }
```

Border

The CSS property to change the border of an element to YUV 43.4500, -6.1378, -38.1056 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, 68, 31) }
```


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

```
.border{ border-color:rgb(0, 68, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 68, 31); box-shadow:4px  
4px 4px 4px rgb(0, 68, 31) }
```

Background

The CSS property to change the background color of an element to YUV 43.4500, -6.1378, -38.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 31) }
```

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

```
.background{ background-color: rgb(0, 68,  
31) }
```

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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