

Converting Colors

YUV(44.2140, 1.8665, -38.7757)

Have a look what the booklet for
YUV(44.2140, 1.8665, -38.7757)
contains.

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Color

**YUV(44.2140, 1.8665,
-38.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	004230
RGB	0, 66, 48
RGB Percent	0%, 26%, 19%
CMY	1.0000, 0.7412, 0.8118
CMYK	1.00, 0.00, 0.27, 0.74
HSL	164°, 100%, 13%
HSV	164°, 100%, 26%
XYZ	2.4817, 4.1098, 3.4588
YIQ	44.2140, -33.5580, -19.5900

Conversions

Conversions Part 2

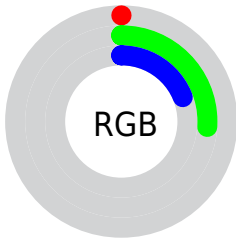
Format	Color
RYB	0, 38, 66
Decimal	16944
CIELab	24.03, -24.21, 5.68
CIELCh	24, 24.871, 166.802
Yxy	4.1098, 0.2469, 0.4089
Android (android.graphics.Color)	4278207024 (0xFF004230)
YUV	44.2140, 1.8665, -38.7757
Hunter-Lab	20.2727, -13.6259, 4.0753

Details

The YUV color **44.2140, 1.8665, -38.7757** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.7860, -1.8665, 38.7757**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2640, -0.6232, -33.5575**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **44.2140, 1.8665, -38.7757**, and if you desaturate by 10%, it is **46.5350, 1.7082, -34.6722**.

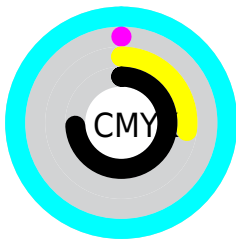
Distribution



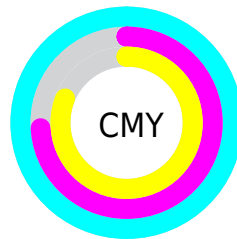
- Red (0%)
- Green (26%)
- Blue (19%)



- Red (0%)
- Yellow (15%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.2140, 1.8665, -38.7757 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 44.2140, 1.8665, -38.7757 by changing the saturation by 10% instead.

■ 44.2140, 1.8665,
-38.7757

■ 44.2140, 1.8665,
-38.7757

■ 252.6080, 1.1793,
-4.9182

■ 28.3190, -0.6503,
-24.8358

■ 95.2640, -0.6232,
-33.5575

■ 13.5010, -6.6560,
-11.8404

■ 120.5630, -0.7706,
-32.9428

■ 0.0000, 0.0000,
0.0000

■ 146.7370, -1.3493,
-33.9723

■ 173.7370, -1.3493,
-33.9723

■ 201.3240, -1.6387,
-34.4871

■ 229.6120, -1.7807,

-35.6167

■ 243.9370, 5.4541,
-22.7467

■ 44.2140, 1.8665,
-38.7757

■ 46.5350, 1.7082,
-34.6722

■ 48.5570, 1.6974,
-31.1835

■ 50.7640, 1.1023,
-26.9800

■ 52.7860, 1.0915,
-23.4913

■ 55.1070, 0.9332,
-19.3878

■ 57.4280, 0.7750,
-15.2844

■ 59.4500, 0.7642,
-11.7956

■ 61.6570, 0.1691,
-7.5922

■ 63.6790, 0.1583,
-4.1035

Harmonies

Analogous

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



51.8660, -10.2869, -13.9145



44.2140, 1.8665, -38.7757



46.9670, 9.8763, -41.1901

Triad

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



44.2140, 1.8665, -38.7757



56.0430, 18.2198, -10.5617



56.5490, -12.5957, 26.7055

Complementary

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



44.2140, 1.8665, -38.7757



21.7860, -1.8665, 38.7757

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.



56.9330, -4.8970, 30.7538



44.2140, 1.8665, -38.7757



59.1660, 11.7502, 11.2554

Square

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



44.2140, 1.8665, -38.7757



46.9960, 22.6800, -41.2155



58.1910, 3.8498, 25.2655



55.8160, -17.6573, 16.8244

Rectangle

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



44.2140, 1.8665, -38.7757



47.7480, 15.4072, -41.8750



58.1910, 3.8498, 25.2655



56.8420, -10.2751, 29.0796

Sweetspot

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



44.2140, 1.8665, -38.7757



78.4280, 0.7750, -15.2844



44.4230, -21.9005, -22.2960



38.0590, 0.4639, -8.8217



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

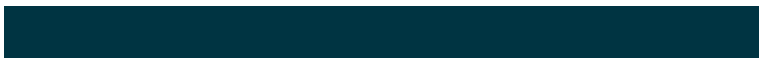
The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2140, 1.8665, -38.7757



58.2510, 2.3413, -51.0861



38.0480, 13.7803, -33.3681



31.9890, 0.0054, -1.7444



64.9190, 2.5049, -56.9340



150.0700, 6.3745, -131.6114

Inverse Universe

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



21.7860, -1.8665, 38.7757



28.7490, -2.3413, 51.0861



27.9520, -13.7803, 33.3681



31.0110, -0.0054, 1.7444



31.9670, -2.9417, 57.0339



73.9300, -6.3745, 131.6114

Previews

White Background



This preview shows how the YUV color 44.2140, 1.8665, -38.7757 looks on a white background.

Color Contrast Check

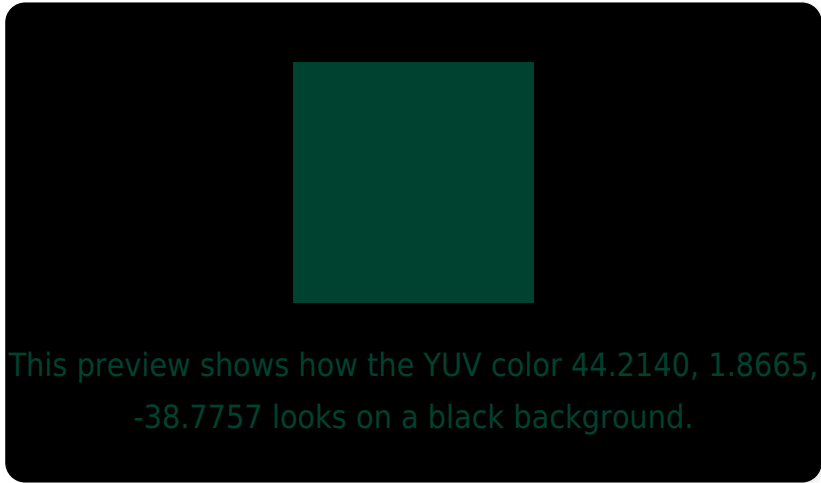
Large Text (above 18pt) WCAG AA ✓ Pass

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

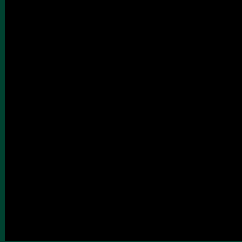
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.2140, 1.8665, -38.7757

Background



This preview shows how black text looks on a background with the YUV color 44.2140, 1.8665, -38.7757.

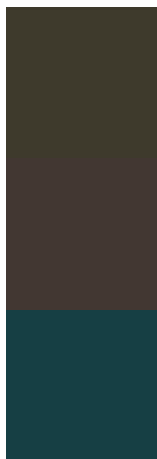


This preview shows how white text looks on a background with the YUV color 44.2140, 1.8665, -38.7757.

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

57.6000, -6.7048, 3.8588

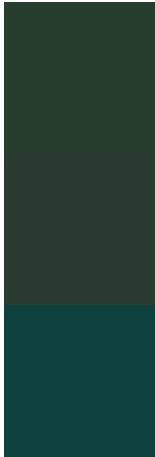
Deuteranopia

57.7190, -3.8055, 7.2624

Tritanopia

51.3110, 8.2277, -25.7057

Trichromacy



Protanomaly

52.5980, -3.7458, -11.9254

Deuteranomaly

52.7770, -1.8621, -9.4514

Tritanomaly

48.7080, 6.0600, -30.4389

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.2140, 1.8665, -38.7757 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, 66, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 48)  
}
```

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, 66, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 48) }
```

Border

The CSS property to change the border of an element to YUV 44.2140, 1.8665, -38.7757 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, 66, 48) }
```

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

```
.border{ border-color:rgb(0, 66, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 48); box-shadow:4px  
4px 4px 4px rgb(0, 66, 48) }
```


Background

The CSS property to change the background color of an element to YUV 44.2140, 1.8665, -38.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 48) }
```

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

```
.background{ background-color: rgb(0, 66,  
48) }
```

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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