

Converting Colors

YUV(44.2360, -18.3573,
-38.7950)

Have a look what the booklet for
YUV(44.2360, -18.3573, -38.7950)
contains.

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Color

**YUV(44.2360, -18.3573,
-38.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	004A07
RGB	0, 74, 7
RGB Percent	0%, 29%, 3%
CMY	1.0000, 0.7098, 0.9725
CMYK	1.00, 0.00, 0.91, 0.71
HSL	126°, 100%, 15%
HSV	126°, 100%, 29%
XYZ	2.4871, 4.9129, 1.0182
YIQ	44.2360, -22.5970, -36.5250

Conversions

Conversions Part 2

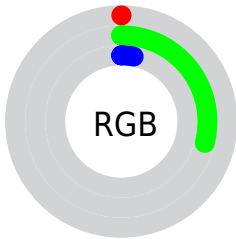
Format	Color
RYB	0, 68, 74
Decimal	18951
CIELab	26.49, -34.68, 31.11
CIELCh	26, 46.594, 138.105
Yxy	4.9129, 0.2954, 0.5836
Android (android.graphics.Color)	4278209031 (0xFF004A07)
YUV	44.2360, -18.3573, -38.7950
Hunter-Lab	22.1651, -18.7595, 12.7919

Details

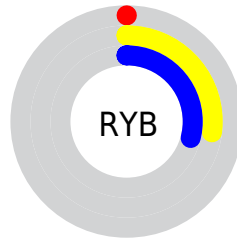
The YUV color **44.2360, -18.3573, -38.7950** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.7640, 18.3573, 38.7950**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5960, -20.9998, -31.2177**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **44.2360, -18.3573, -38.7950**, and if you desaturate by 10%, it is **47.1270, -16.3316, -35.1914**.

Distribution



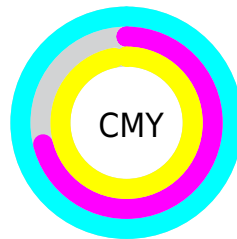
- Red (0%)
- Green (29%)
- Blue (3%)



- Red (0%)
- Yellow (27%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (91%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.2360, -18.3573, -38.7950 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 44.2360, -18.3573, -38.7950 by changing the saturation by 10% instead.

■ 44.2360, -18.3573,
-38.7950

■ 44.2360, -18.3573,
-38.7950

■ 252.8770, -6.8414,
0.9849

■ 29.9370, -14.7589,
-26.2547

■ 97.5960, -20.9998,
-31.2177

■ 18.1970, -8.9711,
-15.9588

■ 123.3680,
-21.8734, -31.0177

■ 0.0000, 0.0000,
0.0000


■ 149.8410,
-22.5996, -31.4326


■ 177.2000,
-23.7626, -31.7474


■ 204.7870,
-24.0520, -32.2622


■ 229.1510,


-22.7524, -29.0734


 241.0140,
-14.7969, -14.0443


 44.2360, -18.3573,
-38.7950

 47.1270, -16.3316,
-35.1914

 50.2030, -14.8901,
-30.8730

 53.0940, -12.8643,
-27.2694

 56.2840, -10.9860,
-23.0511

 59.1750, -8.9603,
-19.4475

■ 61.9520, -7.3713,
-15.7439

■ 65.1420, -5.4930,
-11.5255

■ 68.0330, -3.4673,
-7.9219

■ 71.1090, -2.0257,
-3.6036

Harmonies

Analogous

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



56.6710, -27.9388, 1.1655



44.2360, -18.3573, -38.7950



50.5570, -1.7536, -44.3385

Triad

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



44.2360, -18.3573, -38.7950



56.8390, 37.5474, -49.8478



53.1310, -4.9946, 62.1521

Complementary

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



44.2360, -18.3573, -38.7950



29.7640, 18.3573, 38.7950

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.



55.9140, 10.8884, 54.4494



44.2360, -18.3573, -38.7950



54.3400, 37.7934, -35.3782

Square

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



44.2360, -18.3573, -38.7950



58.3090, 27.9487, -51.1370



63.6310, 23.3529, 23.1256



57.1790, -24.7382, 48.0780

Rectangle

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



44.2360, -18.3573, -38.7950



53.9940, 8.8770, -47.3527



63.6310, 23.3529, 23.1256



52.7380, 1.1152, 62.4968

Sweetspot

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



44.2360, -18.3573, -38.7950



85.3650, -7.0819, -15.2291



63.7700, -31.4386, 3.7097



41.2070, -4.0461, -8.9515



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



44.2360, -18.3573, -38.7950



57.9650, -24.1397, -50.8353



48.3400, -2.6326, -42.3942



36.4620, -0.7208, -2.1592



61.0140, -25.1499, -53.5093



137.5180, -56.9504, -120.6033

Inverse Universe

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



29.7640, 18.3573, 38.7950



39.0350, 24.1397, 50.8353



25.6600, 2.6326, 42.3942



35.6520, 1.1576, 2.0592



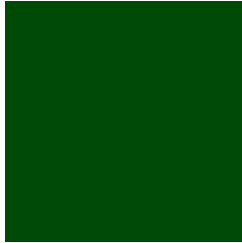
40.9860, 25.1499, 53.5093



92.4820, 56.9504, 120.6033

Previews

White Background



This preview shows how the YUV color 44.2360, -18.3573, -38.7950 looks on a white background.

Color Contrast Check

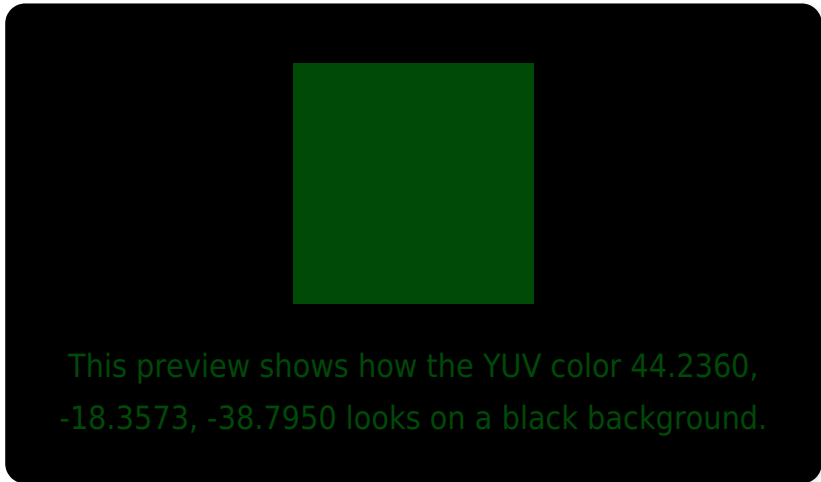
Large Text (above 18pt) WCAG AA ✓ Pass

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

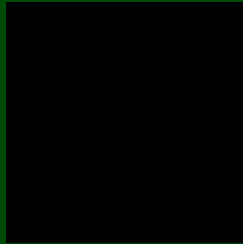
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.2360, -18.3573, -38.7950

Background



This preview shows how black text looks on a background with the YUV color 44.2360, -18.3573, -38.7950.



This preview shows how white text looks on a background with the YUV color 44.2360, -18.3573, -38.7950.

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



Deuteranopia

60.7790, -21.5830, 15.9798

Tritanopia

58.2080, 7.7855, -23.8614

Trichromacy



Deuteranomaly

54.5870, -20.5024, -4.0228

Tritanomaly

53.3570, -1.6550, -29.2541

Monochromacy



Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.2360, -18.3573, -38.7950 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, 74, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 7)  
}
```

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, 74, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 7) }
```

Border

The CSS property to change the border of an element to YUV 44.2360, -18.3573, -38.7950 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, 74, 7) }
```

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

```
.border{ border-color:rgb(0, 74, 7) }
```

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

Here you see how a box with a 4 pixel rgb(0, 74, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 74, 7); box-shadow:4px  
4px 4px 4px rgb(0, 74, 7) }
```


Background

The CSS property to change the background color of an element to YUV 44.2360, -18.3573, -38.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 7) }
```

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

```
.background{ background-color: rgb(0, 74,  
7) }
```

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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