

Converting Colors

YUV(43.0740, -2.5015, -37.7759)

Have a look what the booklet for
YUV(43.0740, -2.5015, -37.7759)
contains.

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Color

**YUV(43.0740, -2.5015,
-37.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	004226
RGB	0, 66, 38
RGB Percent	0%, 26%, 15%
CMY	1.0000, 0.7412, 0.8510
CMYK	1.00, 0.00, 0.42, 0.74
HSL	155°, 100%, 13%
HSV	155°, 100%, 26%
XYZ	2.2981, 4.0364, 2.4917
YIQ	43.0740, -30.3480, -22.7000

Conversions

Conversions Part 2

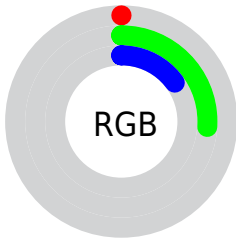
Format	Color
RYB	0, 42, 66
Decimal	16934
CIELab	23.79, -26.93, 11.82
CIELCh	24, 29.414, 156.298
Yxy	4.0364, 0.2604, 0.4573
Android (android.graphics.Color)	4278207014 (0xFF004226)
YUV	43.0740, -2.5015, -37.7759
Hunter-Lab	20.0907, -14.7411, 6.7102

Details

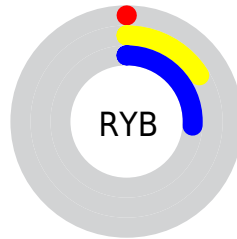
The YUV color **43.0740, -2.5015, -37.7759** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.9260, 2.5015, 37.7759**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0100, -5.4279, -32.4578**, and **12.9140, -6.3666, -11.3256** is the 20% darker color. If you saturate the color by 10%, you get **43.0740, -2.5015, -37.7759**, and if you desaturate by 10%, it is **45.5090, -2.2229, -33.7724**.

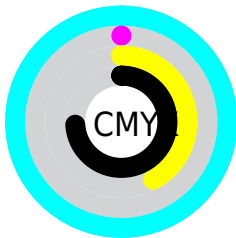
Distribution



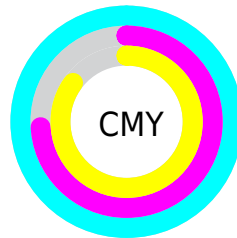
- Red (0%)
- Green (26%)
- Blue (15%)



- Red (0%)
- Yellow (16%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0740, -2.5015, -37.7759 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 43.0740, -2.5015, -37.7759 by changing the saturation by 10% instead.

■ 43.0740, -2.5015,
-37.7759

■ 43.0740, -2.5015,
-37.7759

■ 252.3090, 1.3267,
-5.5330

■ 27.1790, -5.0182,
-23.8360

■ 94.0100, -5.4279,
-32.4578

■ 12.9140, -6.3666,
-11.3256

■ 119.4830, -6.1541,
-32.8726

■ 0.0000, 0.0000,
0.0000

■ 145.4830, -6.1541,
-32.8726

■ 172.0700, -6.4435,
-33.3874

■ 200.2440, -7.0223,
-34.4170

■ 228.1300, -7.4591,

-34.3170

■ 242.1560, -0.0769,
-22.0618

■ 43.0740, -2.5015,
-37.7759

■ 45.5090, -2.2229,
-33.7724

■ 47.6450, -1.7970,
-30.3837

■ 49.9660, -1.9552,
-26.2802

■ 52.1020, -1.5293,
-22.8915

■ 54.5370, -1.2507,
-18.8879

■ 56.9720, -0.9722,
-14.8844

■ 59.1080, -0.5462,
-11.4957

■ 61.4290, -0.7045,
-7.3922

■ 63.5650, -0.2785,
-4.0035

Harmonies

Analogous

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



51.4060, -15.9762, -9.1261



43.0740, -2.5015, -37.7759



46.2830, 7.2555, -40.5902

Triad

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



43.0740, -2.5015, -37.7759



50.8280, 24.2418, -28.7902



55.2340, -11.4544, 33.9978

Complementary

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



43.0740, -2.5015, -37.7759



22.9260, 2.5015, 37.7759

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.



56.1770, -1.5663, 35.8018



43.0740, -2.5015, -37.7759



58.3870, 16.5712, 4.9226

Square

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



43.0740, -2.5015, -37.7759



48.6260, 23.8484, -42.6450



58.0430, 8.3598, 25.3953



54.9910, -19.7156, 23.6869

Rectangle

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



43.0740, -2.5015, -37.7759



47.9930, 13.8075, -42.0899



58.0430, 8.3598, 25.3953



55.3420, -8.5496, 35.6571

Sweetspot

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



43.0740, -2.5015, -37.7759



77.9720, -0.9722, -14.8844



47.4130, -23.3746, -16.1482



37.8310, -0.4097, -8.6218



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.



43.0740, -2.5015, -37.7759



56.7690, -3.3371, -49.7864



43.9180, 10.8864, -38.5161



31.9890, 0.0054, -1.7444



63.3230, -3.6102, -55.5343



146.1940, -8.4766, -128.2121

Inverse Universe

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



22.9260, 2.5015, 37.7759



30.2310, 3.3371, 49.7864



22.0820, -10.8864, 38.5161



31.0110, -0.0054, 1.7444



33.6770, 3.6102, 55.5343



77.8060, 8.4766, 128.2121

Previews

White Background



This preview shows how the YUV color 43.0740, -2.5015, -37.7759 looks on a white background.

Color Contrast Check

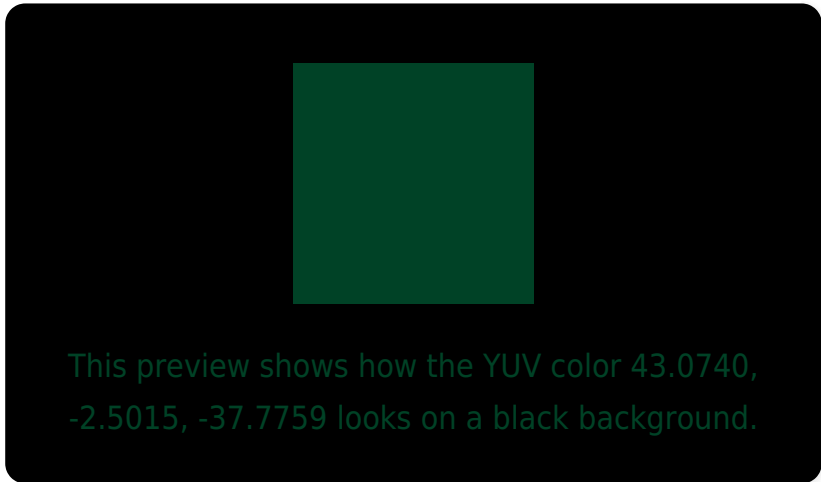
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0740, -2.5015, -37.7759

Background



This preview shows how black text looks on a background with the YUV color 43.0740, -2.5015, -37.7759.

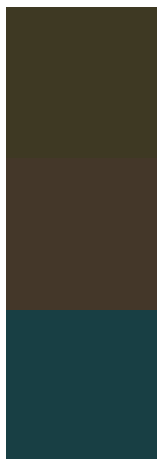


This preview shows how white text looks on a background with the YUV color 43.0740, -2.5015,

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

55.9870, -10.3466, 5.2734

Deuteranopia

57.2910, -8.0315, 9.3918

Tritanopia

51.9090, 7.9329, -24.4762

Trichromacy



Protanomaly

50.9850, -7.3876, -10.5108

Deuteranomaly

52.0500, -5.9406, -7.9368

Tritanomaly

48.5510, 4.1654, -29.4242

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6840, -0.8302, -13.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0740, -2.5015, -37.7759 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 38) }
```

Border

The CSS property to change the border of an element to YUV 43.0740, -2.5015, -37.7759 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, 38) }
```

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

```
.border{ border-color:rgb(0, 66, 38) }
```

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, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 38); box-shadow:4px  
4px 4px 4px rgb(0, 66, 38) }
```


Background

The CSS property to change the background color of an element to YUV 43.0740, -2.5015, -37.7759 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, 38) }
```

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

```
.background{ background-color: rgb(0, 66,  
38) }
```

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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