

Converting Colors

YUV(24.9450, -3.4239, -21.8768)

Have a look what the booklet for
YUV(24.9450, -3.4239, -21.8768)
contains.

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Color

**YUV(24.9450, -3.4239,
-21.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	002712
RGB	0, 39, 18
RGB Percent	0%, 15%, 7%
CMY	1.0000, 0.8471, 0.9294
CMYK	1.00, 0.00, 0.54, 0.85
HSL	148°, 100%, 8%
HSV	148°, 100%, 15%
XYZ	0.8347, 1.4947, 0.8168
YIQ	24.9450, -16.5030, -14.7990

Conversions

Conversions Part 2

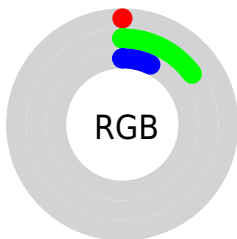
Format	Color
RYB	0, 27, 39
Decimal	10002
CIELab	12.57, -20.01, 10.00
CIELCh	13, 22.366, 153.450
Yxy	1.4947, 0.2653, 0.4751
Android (android.graphics.Color)	4278200082 (0xFF002712)
YUV	24.9450, -3.4239, -21.8768
Hunter-Lab	12.2258, -9.2084, 4.5971

Details

The YUV color **24.9450, -3.4239, -21.8768** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.0550, 3.4239, 21.8768**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.4890, -5.1711, -21.4769**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.9450, -3.4239, -21.8768**, and if you desaturate by 10%, it is **26.3690, -3.1399, -19.6176**.

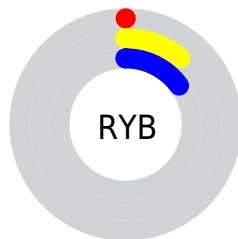
Distribution



Red (0%)

Green (15%)

Blue (7%)



Red (0%)

Yellow (11%)

Blue (15%)

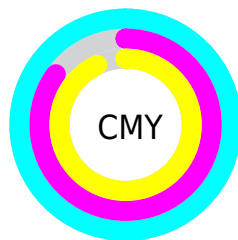


Cyan (100%)

Magenta (0%)

Yellow (54%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9450, -3.4239, -21.8768 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 24.9450, -3.4239, -21.8768 by changing the saturation by 10% instead.

■ 24.9450, -3.4239,
-21.8768

■ 24.9450, -3.4239,
-21.8768

■ 245.4450, -1.6984,
-15.2993

■ 9.3920, -4.6303,
-8.2368

■ 70.4890, -5.1711,
-21.4769

■ 0.0000, 0.0000,
0.0000

■ 94.3750, -5.6079,
-21.3769

■ 119.6630, -5.7499,
-22.5065


■ 145.2500, -6.0393,
-23.0212


■ 171.8370, -6.3286,
-23.5360


■ 199.4240, -6.6180,


-24.0508


 227.4240, -6.6180,
-24.0508


 24.9450, -3.4239,
-21.8768

 26.3690, -3.1399,
-19.6176

 27.7930, -2.8559,
-17.3585

 29.2170, -2.5720,
-15.0993

 30.6410, -2.2880,
-12.8402

 32.1790, -1.5672,
-10.6810

■ 33.3040, -1.1359,
-9.0366

■ 34.7280, -0.8519,
-6.7775

■ 36.1520, -0.5679,
-4.5183

■ 37.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



29.1940, -14.3926, -3.6781



24.9450, -3.4239, -21.8768



27.3560, 3.2755, -23.9912

Triad

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



24.9450, -3.4239, -21.8768



27.2540, 18.1158, -23.9018



31.7920, -7.7855, 23.8614

Complementary

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



24.9450, -3.4239, -21.8768



14.0550, 3.4239, 21.8768

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.



32.1540, -0.0759, 24.4209



24.9450, -3.4239, -21.8768



33.6270, 12.5089, 1.2041

Square

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



24.9450, -3.4239, -21.8768



29.1460, 15.2110, -25.5610



33.5320, 6.6397, 17.0734



31.3970, -15.4787, 18.0688

Rectangle

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



24.9450, -3.4239, -21.8768



28.6100, 8.0803, -25.0910



33.5320, 6.6397, 17.0734



31.4870, -5.1701, 25.0059

Sweetspot

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



24.9450, -3.4239, -21.8768



45.6030, -1.2833, -8.4218



29.1720, -14.3818, -7.1668



22.4400, -0.7099, -5.6479



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



24.9450, -3.4239, -21.8768



32.6730, -4.2758, -28.6542



27.1110, 4.8753, -23.7763



19.2880, -0.1420, -1.1296



53.7540, -7.2737, -47.1423



135.6160, -18.5447, -118.9352

Inverse Universe

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



14.0550, 3.4239, 21.8768



18.3270, 4.2758, 28.6542



11.8890, -4.8753, 23.7763



18.7120, 0.1420, 1.1296



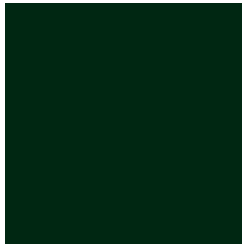
30.2460, 7.2737, 47.1423



76.3840, 18.5447, 118.9352

Previews

White Background



This preview shows how the YUV color 24.9450, -3.4239, -21.8768 looks on a white background.

Color Contrast Check

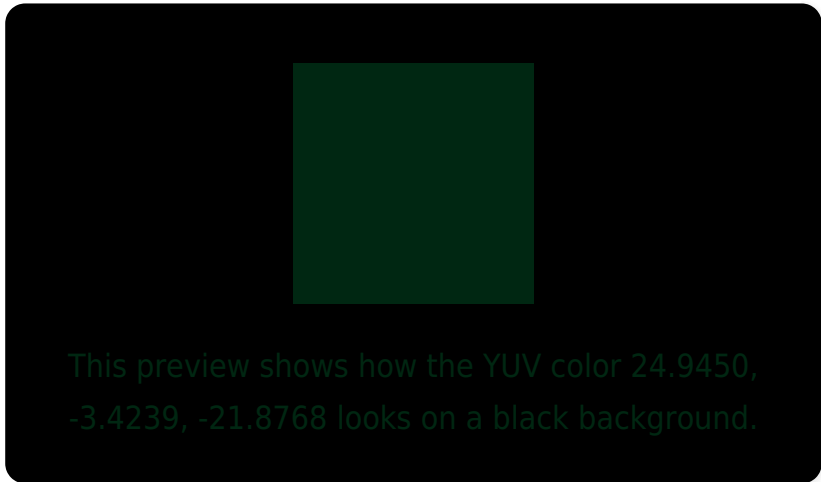
Large Text (above 18pt) WCAG AA ✓ Pass

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

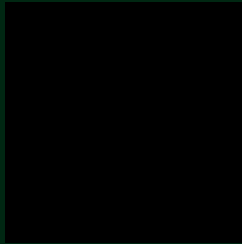
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.9450, -3.4239, -21.8768

Background



This preview shows how black text looks on a background with the YUV color 24.9450, -3.4239, -21.8768.



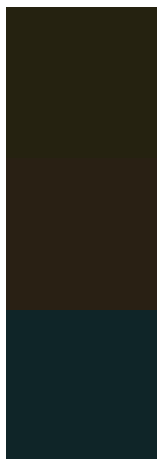
This preview shows how white text looks on a background with the YUV color 24.9450, -3.4239,

-21.8768.

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

32.8450, -8.3046, 3.6439

Deuteranopia

33.3230, -6.5682, 6.7327

Tritanopia

30.7640, 4.5533, -13.8250

Trichromacy



Protanomaly

30.2460, -6.5303, -5.4777

Deuteranomaly

30.4850, -5.6621, -3.9333

Tritanomaly

28.9440, 1.5066, -16.6139

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9450, -3.4239, -21.8768 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, 39, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 18)  
}
```

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, 39, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 18) }
```

Border

The CSS property to change the border of an element to YUV 24.9450, -3.4239, -21.8768 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, 39, 18) }
```

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

```
.border{ border-color:rgb(0, 39, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 39, 18); box-shadow:4px  
4px 4px 4px rgb(0, 39, 18) }
```


Background

The CSS property to change the background color of an element to YUV 24.9450, -3.4239, -21.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 18) }
```

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

```
.background{ background-color: rgb(0, 39,  
18) }
```

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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