

Converting Colors

YUV(89.3590, -24.8270,
-16.9778)

Have a look what the booklet for
YUV(89.3590, -24.8270, -16.9778)
contains.

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Color

**YUV(89.3590, -24.8270,
-16.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	466D27
RGB	70, 109, 39
RGB Percent	27%, 43%, 15%
CMY	0.7255, 0.5725, 0.8471
CMYK	0.36, 0.00, 0.64, 0.57
HSL	93°, 47%, 29%
HSV	93°, 64%, 43%
XYZ	8.3606, 12.3859, 3.8695
YIQ	89.3590, -0.7740, -30.0380

Conversions

Conversions Part 2

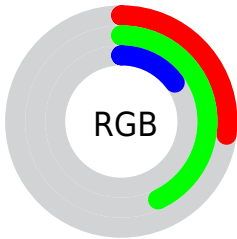
Format	Color
R_{YB}	39, 109, 78
Decimal	4615463
CIE _{Lab}	41.82, -26.87, 33.94
CIE _{LCh}	42, 43.288, 128.368
Yxy	12.3859, 0.3396, 0.5032
Android (android.graphics.Color)	4282805543 (0xFF466D27)
YUV	89.3590, -24.8270, -16.9778
Hunter-Lab	35.1935, -19.1839, 18.1166

Details


The YUV color **89.3590, -24.8270, -16.9778** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.6410, 24.8270, 16.9778**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6040, -26.4268, -17.1927**, and **42.0860, -20.7484, -18.4924** is the 20% darker color. If you saturate the color by 10%, you get **86.3110, -28.7473, -19.5667**, and if you desaturate by 10%, it is **92.4070, -20.9067, -14.3889**.

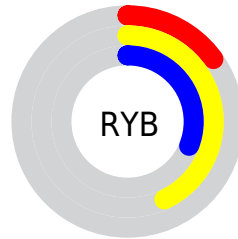
Distribution



 Red (27%)

 Green (43%)

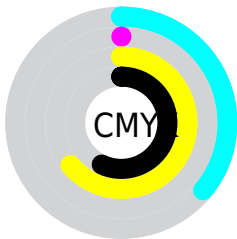
 Blue (15%)




 Red (15%)

 Yellow (43%)

 Blue (31%)

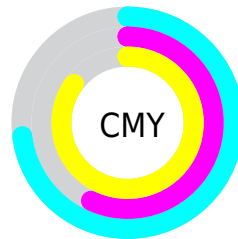


 Cyan (36%)


 Magenta (0%)

 Yellow (64%)

 Black (57%)



 Cyan (73%)

 Magenta (57%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3590, -24.8270, -16.9778 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 89.3590, -24.8270, -16.9778 by changing the saturation by 10% instead.

■ 89.3590, -24.8270,
-16.9778

■ 89.3590, -24.8270,
-16.9778

255.0000, 0.0000,
0.0000

■ 64.3590, -24.8270,
-16.9778

■ 140.6040,
-26.4268, -17.1927

■ 42.0860, -20.7484,
-18.4924

■ 167.3760,
-27.3004, -16.9928

■ 22.8930, -11.2862,
-20.0772

■ 194.8490,
-28.0266, -17.4076

■ 7.0440, -3.4727,
-6.1776

■ 222.7350,
-28.4634, -17.3076

■ 0.0000, 0.0000,
0.0000

■ 240.7560,
-23.5437, -8.5560

■ 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

89.3590, -24.8270,
-16.9778

89.3590, -24.8270,
-16.9778

86.3110, -28.7473,
-19.5667

92.4070, -20.9067,
-14.3889

83.2630, -32.6677,
-22.1557

95.4550, -16.9863,
-11.8000

80.2150, -36.5880,
-24.7446

98.5030, -13.0660,
-9.2111

78.3350, -38.6192,
-26.6038

101.5510, -9.1456,
-6.6222

104.5990, -5.2253,
-4.0333

■ 107.5330, -1.7418,
-1.3444

■ 110.8800, 2.0312,
1.8592

■ 113.9280, 5.9515,
4.4481

■ 116.9760, 9.8718,
7.0370

Harmonies

Analogous

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



93.3860, -35.6863, 12.8165



89.3590, -24.8270, -16.9778



75.0120, -1.9779, -65.7855

Triad

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



89.3590, -24.8270, -16.9778



82.7930, 40.5281, -72.6095



97.1520, -3.5259, 57.7487

Complementary

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



89.3590, -24.8270, -16.9778



58.6410, 24.8270, 16.9778

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.



100.5920, 12.5261, 42.4538



89.3590, -24.8270, -16.9778



90.2360, 38.8307, -41.4260

Square

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



89.3590, -24.8270, -16.9778



83.6930, 28.7454, -73.3988



101.3520, 26.4485, 10.2153



96.4770, -19.9552, 53.9557

Rectangle

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



89.3590, -24.8270, -16.9778



79.0360, 8.3633, -69.3146



101.3520, 26.4485, 10.2153



98.5090, 1.7211, 54.8046

Sweetspot

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



89.3590, -24.8270, -16.9778



135.4370, -9.5824, -6.5222



82.8230, -21.6047, 22.9572



66.4850, -5.6621, -3.9333



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.3590, -24.8270, -16.9778



112.2210, -39.0560, -26.5038



80.5460, -18.5102, -36.4358



52.4190, -2.1786, -1.2445



84.2270, -41.5239, -28.2631



176.1070, -86.8208, -59.7298

Inverse Universe

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



58.6410, 24.8270, 16.9778



63.7790, 39.0560, 26.5038



67.5680, 18.9470, 36.3359



49.5810, 2.1786, 1.2445



32.7730, 41.5239, 28.2631



68.5940, 86.9682, 59.1151

Previews

White Background



This preview shows how the YUV color 89.3590, -24.8270, -16.9778 looks on a white background.

Color Contrast Check

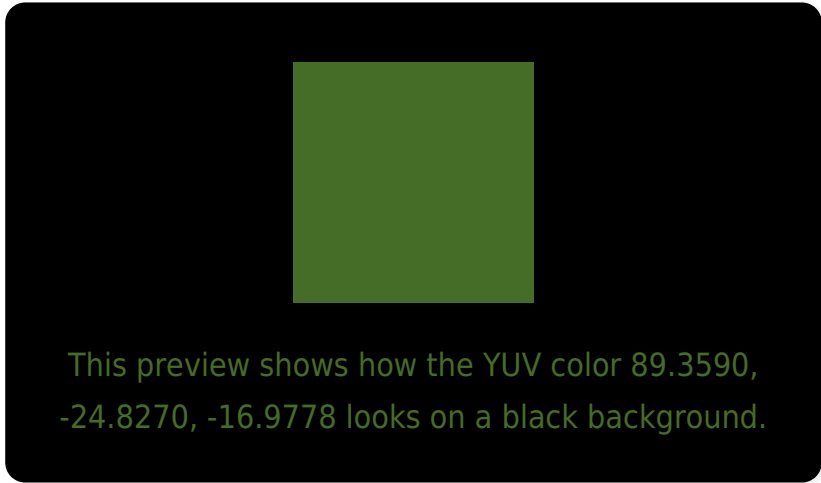
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

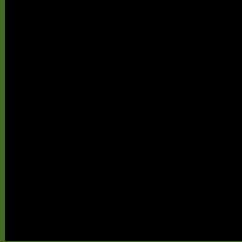
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3590, -24.8270, -16.9778

Background



This preview shows how black text looks on a background with the YUV color 89.3590, -24.8270, -16.9778.



This preview shows how white text looks on a background with the YUV color 89.3590, -24.8270,

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

89.3590, -24.8270, -16.9778

Protanopia

95.1070, -29.1398, 13.0612

Deuteranopia

96.6720, -25.9673, 22.2127



Tritanopia

96.6330, 6.5899, -13.7101

Trichromacy



Original Color

89.3590, -24.8270, -16.9778

Protanomaly

93.0840, -27.6494, 1.6803

Deuteranomaly

93.6980, -25.4871, 8.1579

Tritanomaly

94.2340, -5.0454, -15.1142

Monochromacy



Original Color

89.3590, -24.8270, -16.9778

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9640, -8.8563, -6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3590, -24.8270, -16.9778 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(70, 109, 39)` looks like.

```
.text, #text, p{  
    color:rgb(70, 109, 39)  
}
```

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(70, 109, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 109, 39) }
```

Border

The CSS property to change the border of an element to YUV 89.3590, -24.8270, -16.9778 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(70, 109, 39) }
```


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

```
.border{ border-color:rgb(70, 109, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 109, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 109, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 109, 39);  
box-shadow:4px 4px 4px 4px rgb(70, 109,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 89.3590, -24.8270, -16.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 109, 39) }
```

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

```
.background{ background-color: rgb(70, 109,  
39) }
```

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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