

Converting Colors

YUV(16.0590, 40.8899, -1.8057)

Have a look what the booklet for
YUV(16.0590, 40.8899, -1.8057)
contains.

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Color

**YUV(16.0590, 40.8899,
-1.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	0E0163
RGB	14, 1, 99
RGB Percent	5%, 0%, 39%
CMY	0.9451, 0.9961, 0.6118
CMYK	0.86, 0.99, 0.00, 0.61
HSL	248°, 98%, 20%
HSV	248°, 99%, 39%
XYZ	2.4441, 1.0159, 11.8717
YIQ	16.0590, -23.7100, 33.2340

Conversions

Conversions Part 2

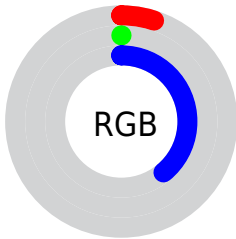
Format	Color
R _Y B	14, 1, 99
Decimal	917859
CIE Lab	9.12, 39.29, -52.23
CIE LCh	9, 65.358, 306.952
Yxy	1.0159, 0.1594, 0.0663
Android (android.graphics.Color)	4279107939 (0xFF0E0163)
YUV	16.0590, 40.8899, -1.8057
Hunter-Lab	10.0793, 25.6450, -62.7778

Details

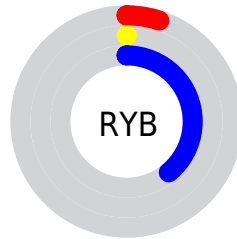
The YUV color **16.0590, 40.8899, -1.8057** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **83.9410, -40.8899, 1.8057**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.8260, 41.0048, 8.0456**, and **8.1620, 21.1191, -7.1581** is the 20% darker color. If you saturate the color by 10%, you get **15.1730, 41.3267, -1.9057**, and if you desaturate by 10%, it is **24.6200, 36.6693, -1.4207**.

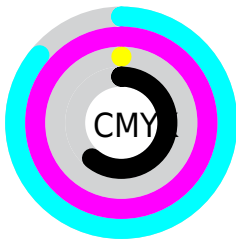
Distribution



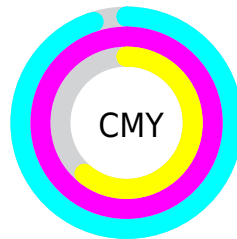
- Red (5%)
- Green (0%)
- Blue (39%)



- Red (5%)
- Yellow (0%)
- Blue (39%)



- Cyan (86%)
- Magenta (99%)
- Yellow (0%)
- Black (61%)



- Cyan (95%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.0590, 40.8899, -1.8057 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 16.0590, 40.8899, -1.8057 by changing the saturation by 10% instead.

■ 16.0590, 40.8899,
-1.8057

■ 16.0590, 40.8899,
-1.8057

■ 240.3250, 7.2348,
12.8700

■ 8.5500, 32.7599,
-7.4984

■ 67.8260, 41.0048,
8.0456

■ 8.1620, 21.1191,
-7.1581

■ 93.3640, 41.7255,
10.2048

■ 4.4800, 12.0884,
-3.9290

■ 119.0160, 42.8831,
12.2640


■ 0.0000, 0.0000,
0.0000


■ 145.9560, 43.8987,
13.1936


■ 171.8700, 40.9831,
15.0230


■ 196.3900, 28.8947,


18.9520


 221.4970, 16.5170,
22.3661


 16.0590, 40.8899,
-1.8057


 16.0590, 40.8899,
-1.8057


 15.1730, 41.3267,
-1.9057

 24.6200, 36.6693,
-1.4207

 32.8820, 32.5962,
-1.6505

 41.4430, 28.3756,
-1.2655

 49.7050, 24.3024,
-1.4953

 58.2660, 20.0819,
-1.1103

■ 66.2400, 16.1507,
-0.2105

■ 74.5020, 12.0775,
-0.4403

■ 83.0630, 7.8569,
-0.0553

■ 91.3250, 3.7838,
-0.2850

Harmonies

Analogous

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



32.2360, 42.2817, -28.2710



16.0590, 40.8899, -1.8057



30.8740, 14.8521, 43.0835

Triad

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



16.0590, 40.8899, -1.8057



20.5760, -10.1440, 33.6978



26.4100, 4.7279, -23.1616

Complementary

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



16.0590, 40.8899, -1.8057



83.9410, -40.8899, 1.8057

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.



22.3060, -10.9969, -19.5624



16.0590, 40.8899, -1.8057



23.6120, -11.6407, 0.3403

Square

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



16.0590, 40.8899, -1.8057



24.8170, -12.2348, 51.0265



22.3060, -10.9969, -19.5624



33.0730, 22.6420, -29.0050

Rectangle

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



16.0590, 40.8899, -1.8057



31.2700, 0.8529, 53.2602



22.3060, -10.9969, -19.5624



24.5860, -2.2609, -21.5619

Sweetspot

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



16.0590, 40.8899, -1.8057



94.9410, 16.2981, -0.8253



63.2410, 17.6292, -54.5854



44.5190, 9.6041, -0.4552



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



16.0590, 40.8899, -1.8057



19.6750, 53.4042, -2.3460



30.1120, 33.9618, 27.0888



44.4560, 1.7472, -0.3999



17.2530, 46.7103, -1.9759



36.9280, 100.1145, -4.3219

Inverse Universe

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



39.9920, 22.6819, 51.7500



50.9260, 29.6165, 67.5939



69.8880, -33.9618, -27.0888



45.6520, 1.1576, 2.0592



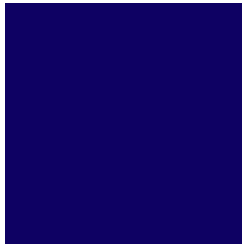
44.5460, 25.8598, 59.1572



95.4720, 55.4763, 126.7511

Previews

White Background



This preview shows how the YUV color 16.0590, 40.8899, -1.8057 looks on a white background.

Color Contrast Check

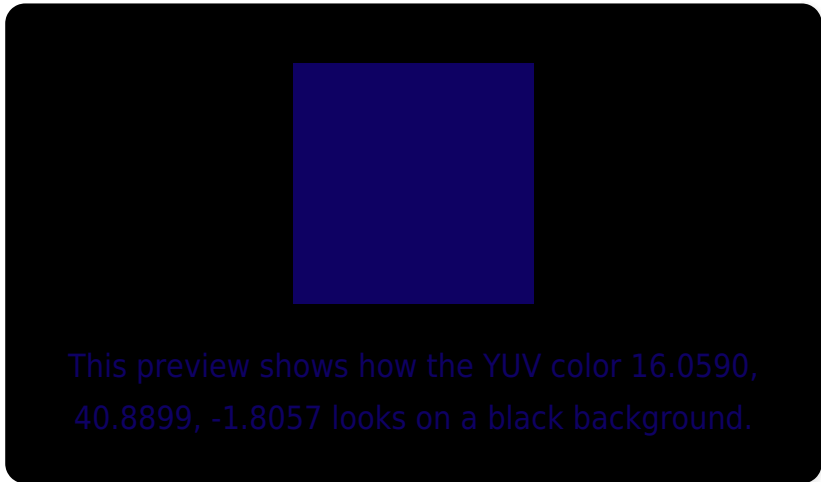
Large Text (above 18pt) WCAG AA ✓ Pass

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

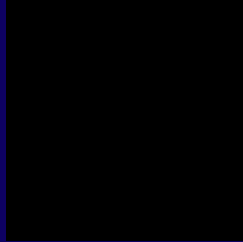
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.0590, 40.8899, -1.8057

Background



This preview shows how black text looks on a background with the YUV color 16.0590, 40.8899, -1.8057.



This preview shows how white text looks on a background with the YUV color 16.0590, 40.8899,

-1.8057.

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

16.0590, 40.8899, -1.8057

Protanopia

24.0910, 18.6891, -21.1278

Deuteranopia

24.1250, 13.7424, -21.1576

Trichromacy



Original Color

16.0590, 40.8899, -1.8057

Protanomaly

21.1980, 26.5244, -14.2056

Deuteranomaly

21.1010, 23.6142, -14.1206

Monochromacy



Original Color

16.0590, 40.8899, -1.8057

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

16.1860, 14.6983, -1.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.0590, 40.8899, -1.8057 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(14, 1, 99)` looks like.

```
.text, #text, p{  
    color:rgb(14, 1, 99)  
}
```

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(14, 1, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 1, 99) }
```

Border

The CSS property to change the border of an element to YUV 16.0590, 40.8899, -1.8057 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(14, 1, 99) }
```

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

```
.border{ border-color:rgb(14, 1, 99) }
```

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

Here you see how a box with a 4 pixel rgb(14, 1, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 1, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(14, 1, 99); box-shadow:4px  
4px 4px 4px rgb(14, 1, 99) }
```


Background

The CSS property to change the background color of an element to YUV 16.0590, 40.8899, -1.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 1, 99) }
```

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

```
.background{ background-color: rgb(14, 1,  
99) }
```

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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