

Converting Colors

YUV(19.1890, 43.7838, 3.3422)

Have a look what the booklet for
YUV(19.1890, 43.7838, 3.3422)
contains.

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Color

**YUV(19.1890, 43.7838,
3.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	17006C
RGB	23, 0, 108
RGB Percent	9%, 0%, 42%
CMY	0.9098, 1.0000, 0.5765
CMYK	0.79, 1.00, 0.00, 0.58
HSL	253°, 100%, 21%
HSV	253°, 100%, 42%
XYZ	3.0601, 1.2649, 14.2702
YIQ	19.1890, -20.9600, 38.4640

Conversions

Conversions Part 2

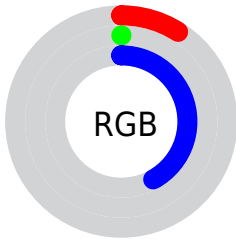
Format	Color
R_{YB}	23, 0, 108
Decimal	1507436
CIE _{Lab}	11.03, 42.57, -54.99
CIE _{LCh}	11, 69.540, 307.741
Yxy	1.2649, 0.1646, 0.0680
Android (android.graphics.Color)	4279697516 (0xFF17006C)
YUV	19.1890, 43.7838, 3.3422
Hunter-Lab	11.2466, 28.8869, -67.3571

Details

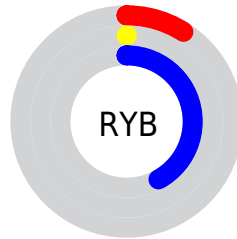
The YUV color **19.1890, 43.7838, 3.3422** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **88.8110, -43.7838, -3.3422**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.5320, 43.6147, 10.9344**, and **8.4870, 24.9029, -7.4431** is the 20% darker color. If you saturate the color by 10%, you get **19.1890, 43.7838, 3.3422**, and if you desaturate by 10%, it is **28.0380, 39.4213, 2.5977**.

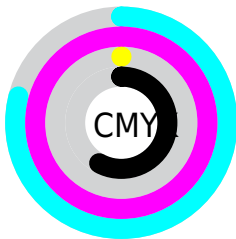
Distribution



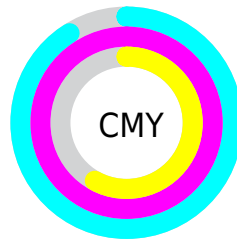
- Red (9%)
- Green (0%)
- Blue (42%)



- Red (9%)
- Yellow (0%)
- Blue (42%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.1890, 43.7838, 3.3422 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 19.1890, 43.7838, 3.3422 by changing the saturation by 10% instead.

■ 19.1890, 43.7838,
3.3422

■ 19.1890, 43.7838,
3.3422

■ 242.0860, 6.3666,
11.3256

■ 9.4620, 36.2542,
-8.2982

■ 72.5320, 43.6147,
10.9344

■ 8.4870, 24.9029,
-7.4431

■ 98.0700, 44.3355,
13.0936

■ 5.2780, 15.1459,
-4.6288

■ 124.0100, 45.3511,
14.0232

■ 1.3680, 5.2416,
-1.1997

■ 150.6620, 46.5086,
16.0824

■ 0.0000, 0.0000,
0.0000

■ 176.0230, 38.9357,
18.3968

■ 200.8420, 26.6999,

22.9406

■ 225.6500, 14.4696,
25.7400

■ 19.1890, 43.7838,
3.3422

■ 28.0380, 39.4213,
2.5977

■ 37.1860, 34.9113,
2.4679

■ 45.4480, 30.8381,
2.2381

■ 54.5960, 26.3282,
2.1083

■ 63.7440, 21.8182,
1.9785

■ 72.5930, 17.4557,
1.2339

■ 81.4420, 13.0931,
0.4894

■ 90.0030, 8.8725,
0.8744

■ 99.1510, 4.3626,
0.7446

Harmonies

Analogous

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



35.8380, 45.9289, -31.4299



19.1890, 43.7838, 3.3422



34.2490, 16.1462, 48.0166

Triad

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



19.1890, 43.7838, 3.3422



23.5440, -11.6072, 36.3569



30.5020, 5.1755, -26.7503

Complementary

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



19.1890, 43.7838, 3.3422



88.8110, -43.7838, -3.3422

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.



25.2410, -12.4438, -22.1364



19.1890, 43.7838, 3.3422



26.8570, -13.2405, 0.1254

Square

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



19.1890, 43.7838, 3.3422



27.2090, -13.4140, 55.9447



24.0670, -11.8650, -21.1068



37.1480, 25.5630, -32.5788

Rectangle

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



19.1890, 43.7838, 3.3422



34.3030, 0.8366, 58.4933



24.0670, -11.8650, -21.1068



28.0910, -1.5239, -24.6358

Sweetspot

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



19.1890, 43.7838, 3.3422



105.4790, 17.0189, 1.3339



62.7940, 22.2866, -55.0703



50.3450, 10.1829, 0.5744



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.



19.1890, 43.7838, 3.3422



24.9300, 56.7295, 4.4464



35.0360, 35.9713, 35.9254



48.9830, 2.4734, 0.0149



20.8130, 47.4202, 3.6720



43.4780, 99.3503, 7.4738

Inverse Universe

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



41.9820, 21.2079, 57.8978



54.4000, 27.4108, 75.0712



72.9640, -35.9713, -35.9254



50.2500, 0.8628, 3.2887



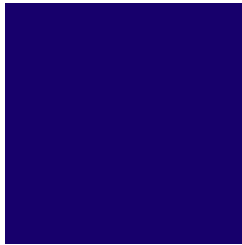
45.4710, 22.9388, 62.7309



95.2570, 48.1873, 131.3246

Previews

White Background



This preview shows how the YUV color 19.1890, 43.7838, 3.3422 looks on a white background.

Color Contrast Check

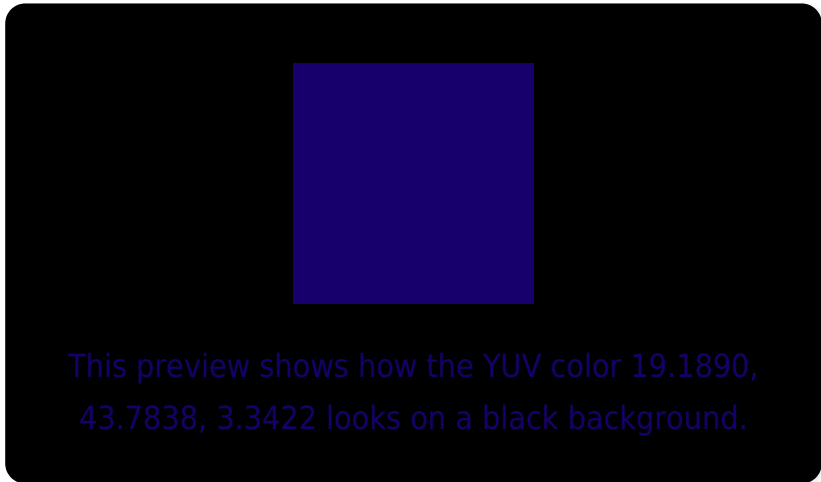
Large Text (above 18pt) WCAG AA ✓ Pass

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

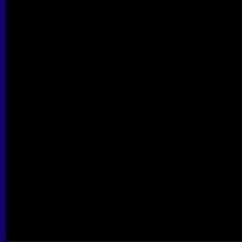
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.1890, 43.7838, 3.3422

Background



This preview shows how black text looks on a background with the YUV color 19.1890, 43.7838, 3.3422.



This preview shows how white text looks on a background with the YUV color 19.1890, 43.7838,

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

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167

Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Protanomaly

24.1810, 28.9978, -14.1907

Deuteranomaly

24.0840, 26.0876, -14.1057

Tritanomaly

23.8900, 20.2672, -13.9355

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.8380, 15.8559, 1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.1890, 43.7838, 3.3422 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(23, 0, 108)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 108)  
}
```

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(23, 0, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 108) }
```

Border

The CSS property to change the border of an element to YUV 19.1890, 43.7838, 3.3422 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(23, 0, 108) }
```

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

```
.border{ border-color:rgb(23, 0, 108) }
```

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

Here you see how a box with a 4 pixel rgb(23, 0, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(23, 0, 108)  
}
```


Background

The CSS property to change the background color of an element to YUV 19.1890, 43.7838, 3.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 108) }
```

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

```
.background{ background-color: rgb(23, 0,  
108) }
```

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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