

Converting Colors

YUV(18.9730, 14.3103,
-16.6393)

Have a look what the booklet for
YUV(18.9730, 14.3103, -16.6393)
contains.

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Color

**YUV(18.9730, 14.3103,
-16.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	001730
RGB	0, 23, 48
RGB Percent	0%, 9%, 19%
CMY	1.0000, 0.9098, 0.8118
CMYK	1.00, 0.52, 0.00, 0.81
HSL	211°, 100%, 9%
HSV	211°, 100%, 19%
XYZ	0.8399, 0.8262, 2.9115
YIQ	18.9730, -21.7330, 2.8990

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 48
Decimal	5936
CIELab	7.46, 2.24, -19.35
CIElCh	7, 19.482, 276.595
Yxy	0.8262, 0.1835, 0.1805
Android (android.graphics.Color)	4278196016 (0xFF001730)
YUV	18.9730, 14.3103, -16.6393
Hunter-Lab	9.0895, 0.5873, -12.6288

Details

The YUV color **18.9730, 14.3103, -16.6393** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **29.0270, -14.3103, 16.6393**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5220, 15.0257, -12.7358**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.9730, 14.3103, -16.6393**, and if you desaturate by 10%, it is **21.6420, 12.9945, -14.5950**.

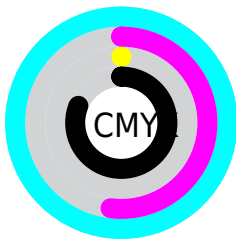
Distribution



- Red (0%)
- Green (9%)
- Blue (19%)



- Red (0%)
- Yellow (6%)
- Blue (19%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.9730, 14.3103, -16.6393 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 18.9730, 14.3103, -16.6393 by changing the saturation by 10% instead.

■ 18.9730, 14.3103,
-16.6393

■ 18.9730, 14.3103,
-16.6393

■ 244.0140, 5.4161,
-10.5363

■ 3.6650, 11.5042,
-3.2142

■ 63.5220, 15.0257,
-12.7358

■ 0.0000, 0.0000,
0.0000

■ 87.0490, 15.7518,
-12.3210

■ 111.8640, 16.3360,
-13.0357

■ 137.2770, 16.6254,
-12.5209

■ 164.0920, 17.2096,
-13.2357

■ 191.2060, 17.6464,

-13.3357

■ 218.6190, 17.9358,
-12.8209

■ 18.9730, 14.3103,
-16.6393

■ 21.6420, 12.9945,
-14.5950

■ 24.8980, 11.3893,
-13.0655

■ 27.2680, 10.2209,
-11.6360

■ 30.5240, 8.6157,
-10.1065

■ 33.1930, 7.2999,
-8.0623

■ 36.4490, 5.6946,
-6.5328

■ 39.7050, 4.0894,
-5.0033

■ 42.0750, 2.9210,
-3.5738

■ 44.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



21.0930, 12.2792, -18.4986



18.9730, 14.3103, -16.6393



23.2420, 9.7407, 2.4188

Triad

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



18.9730, 14.3103, -16.6393



20.4990, -10.1060, 21.4874



17.9350, -4.8980, -15.7290

Complementary

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



18.9730, 14.3103, -16.6393



29.0270, -14.3103, 16.6393

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.



18.8500, -9.2930, -6.0074



18.9730, 14.3103, -16.6393



21.9280, -10.8105, 14.0951

Square

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



18.9730, 14.3103, -16.6393



21.6050, -0.7913, 20.5174



21.5740, -10.6360, 4.7586



20.4600, 2.2382, -17.9434

Rectangle

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



18.9730, 14.3103, -16.6393



23.4990, 6.6560, 11.8404



21.5740, -10.6360, 4.7586



16.4360, -8.1029, -14.4144

Sweetspot

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



18.9730, 14.3103, -16.6393



50.3350, 5.2578, -6.4328



31.0260, -2.9708, -27.2098



24.1890, 3.3578, -3.6738



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



18.9730, 14.3103, -16.6393



23.9770, 18.2523, -21.0278



5.7710, 20.8189, -4.1842



21.8150, 0.5842, -0.7148



34.5720, 25.8470, -30.3196



84.8570, 63.6675, -74.4196

Inverse Universe

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



16.9740, 2.9708, 27.2098



21.5450, 3.6753, 34.6020



42.2290, -20.8189, 4.1842



21.7120, 0.1420, 1.1296



30.8010, 5.5211, 49.2865



75.7280, 13.4451, 121.2645

Previews

White Background



This preview shows how the YUV color 18.9730, 14.3103, -16.6393 looks on a white background.

Color Contrast Check

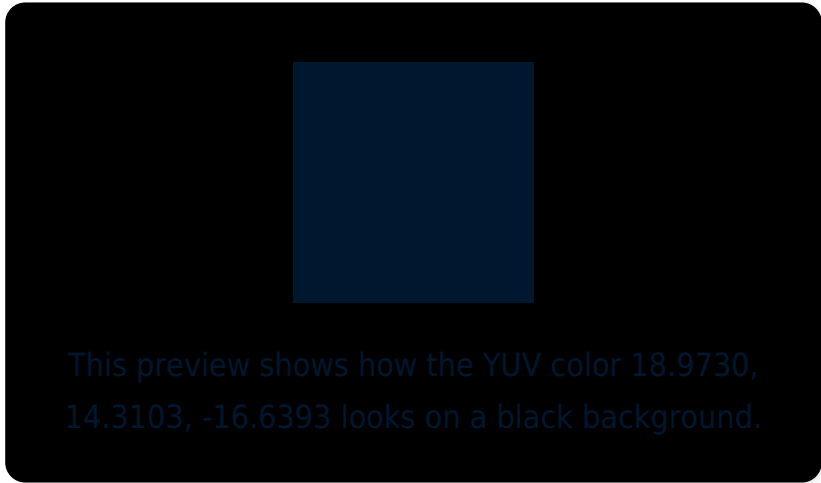
Large Text (above 18pt) WCAG AA ✓ Pass

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

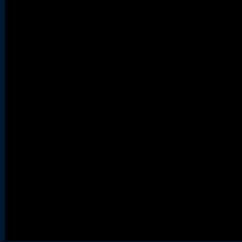
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.9730, 14.3103, -16.6393

Background



This preview shows how black text looks on a background with the YUV color 18.9730, 14.3103, -16.6393.



This preview shows how white text looks on a background with the YUV color 18.9730, 14.3103,

-16.6393.

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

18.9730, 14.3103, -16.6393

Protanopia

20.7670, 13.4259, -12.9507

Deuteranopia

18.8760, 11.4001, -16.5543



Tritanopia

18.4540, 4.7062, -16.1842

Trichromacy



Original Color

18.9730, 14.3103, -16.6393

Protanomaly

20.1690, 13.7207, -14.1802

Deuteranomaly

19.1040, 12.2737, -16.7542

Tritanomaly

18.6650, 8.0532, -16.3692

Monochromacy



Original Color

18.9730, 14.3103, -16.6393

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.9730, 14.3103, -16.6393 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, 23, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 48)  
}
```

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, 23, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 48) }
```

Border

The CSS property to change the border of an element to YUV 18.9730, 14.3103, -16.6393 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, 23, 48) }
```


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

```
.border{ border-color:rgb(0, 23, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 23, 48); box-shadow:4px  
4px 4px 4px rgb(0, 23, 48) }
```

Background

The CSS property to change the background color of an element to YUV 18.9730, 14.3103, -16.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 48) }
```

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

```
.background{ background-color: rgb(0, 23,  
48) }
```

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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