

Converting Colors

YUV(9.8940, 7.4473, -8.6770)

Have a look what the booklet for
YUV(9.8940, 7.4473, -8.6770)
contains.

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Color

YUV(9.8940, 7.4473, -8.6770)

Conversions

Conversions Part 1

Format	Color
Hex	000C19
RGB	0, 12, 25
RGB Percent	0%, 5%, 10%
CMY	1.0000, 0.9529, 0.9020
CMYK	1.00, 0.52, 0.00, 0.90
HSL	211°, 100%, 5%
HSV	211°, 100%, 10%
XYZ	0.3069, 0.3331, 0.9678
YIQ	9.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

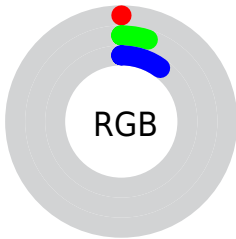
Format	Color
RYB	0, 8, 25
Decimal	3097
CIELab	3.01, -0.40, -8.66
CIELCh	3, 8.664, 267.374
Yxy	0.3331, 0.1909, 0.2072
Android (android.graphics.Color)	4278193177 (0xFF000C19)
YUV	9.8940, 7.4473, -8.6770
Hunter-Lab	5.7718, -0.6080, -5.9017

Details

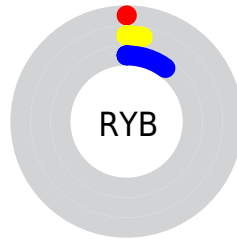
The YUV color **9.8940, 7.4473, -8.6770** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.1060, -7.4473, 8.6770**, and the grayscale version is **10.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.6770, 6.5682, -6.7327**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.8940, 7.4473, -8.6770**, and if you desaturate by 10%, it is **11.3780, 6.7156, -7.3475**.

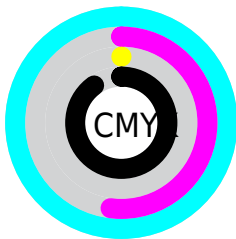
Distribution



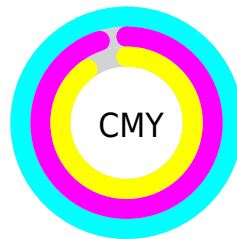
- Red (0%)
- Green (5%)
- Blue (10%)



- Red (0%)
- Yellow (3%)
- Blue (10%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (90%)



- Cyan (100%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 9.8940, 7.4473, -8.6770 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 9.8940, 7.4473, -8.6770 by changing the saturation by 10% instead.

■ 9.8940, 7.4473,
-8.6770

■ 9.8940, 7.4473,
-8.6770

■ 234.7200, 8.0260,
-7.6474

■ 0.0000, 0.0000,
0.0000

■ 54.6770, 6.5682,
-6.7327

■ 76.7910, 7.0050,
-6.8327

■ 100.9050, 7.4418,
-6.9327

■ 125.9050, 7.4418,
-6.9327

■ 152.0190, 7.8786,
-7.0327

■ 178.7200, 8.0260,

-7.6474

■ 206.7200, 8.0260,
-7.6474

■ 9.8940, 7.4473,
-8.6770

■ 11.3780, 6.7156,
-7.3475

■ 13.1500, 5.8421,
-7.1475

■ 14.6340, 5.1104,
-5.8180

■ 15.8190, 4.5262,
-5.1033

■ 17.8900, 3.5052,
-4.2885

■ 19.0750, 2.9210,
-3.5738

■ 20.5590, 2.1894,
-2.2442

■ 21.7440, 1.6052,
-1.5295

■ 23.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



11.4270, 5.7055, -10.0215



9.8940, 7.4473, -8.6770



11.6070, 6.1097, 0.3447

Triad

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



9.8940, 7.4473, -8.6770



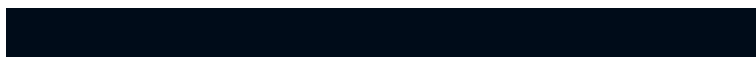
11.2360, -4.5533, 13.8250



8.8050, -4.3409, -7.7220

Complementary

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



9.8940, 7.4473, -8.6770



15.1060, -7.4473, 8.6770

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.



9.7240, -4.7939, -2.3889



9.8940, 7.4473, -8.6770



10.9860, -5.4161, 10.5363

Square

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



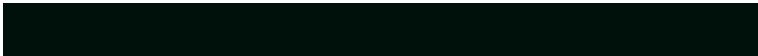
9.8940, 7.4473, -8.6770



11.4900, 0.2514, 12.7253



10.9530, -5.3998, 5.3032



10.5320, -0.2623, -9.2366

Rectangle

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



9.8940, 7.4473, -8.6770



12.1840, 4.3463, 5.9776



10.9530, -5.3998, 5.3032



8.8050, -4.3409, -7.7220

Sweetspot

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



9.8940, 7.4473, -8.6770



27.0750, 2.9210, -3.5738



16.1570, -1.5564, -14.1697



14.1460, 1.9000, -2.7590



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



9.8940, 7.4473, -8.6770



13.1540, 9.7841, -11.5361



2.8500, 10.9200, -2.4994



11.8150, 0.5842, -0.7148



30.4970, 22.9260, -26.7459



80.7820, 60.7465, -70.8458

Inverse Universe

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



8.8430, 1.5564, 14.1697



11.6910, 2.1243, 18.6880



22.1500, -10.9200, 2.4995



11.7120, 0.1420, 1.1296



27.2410, 4.8112, 43.6386



72.1680, 12.7352, 115.6167

Previews

White Background



This preview shows how the YUV color 9.8940, 7.4473, -8.6770 looks on a white background.

Color Contrast Check

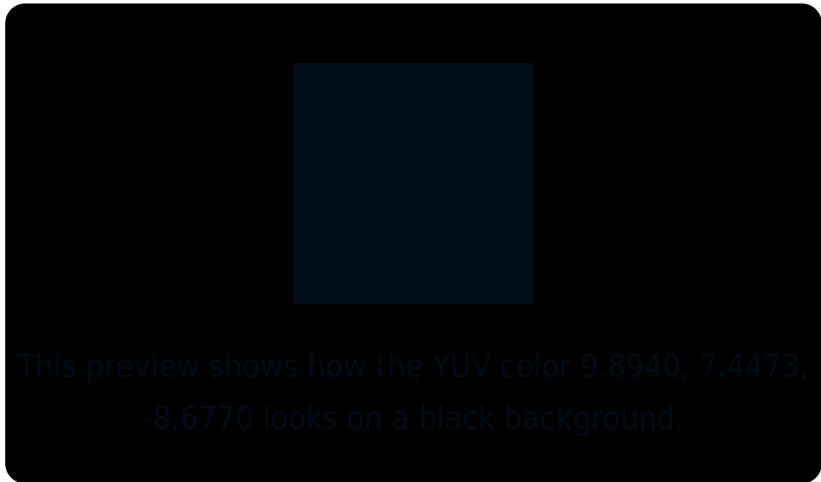
Large Text (above 18pt) WCAG AA ✓ Pass

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

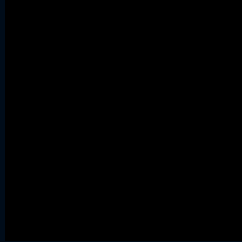
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 9.8940, 7.4473, -8.6770

Background



This preview shows how black text looks on a background with the YUV color 9.8940, 7.4473, -8.6770.



This preview shows how white text looks on a background with the YUV color 9.8940, 7.4473, -8.6770.

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

9.8940, 7.4473, -8.6770

Protanopia

10.7910, 7.0050, -6.8327

Deuteranopia

10.1390, 5.8475, -8.8919



Tritanopia

9.9280, 2.5005, -8.7069

Trichromacy



Original Color

9.8940, 7.4473, -8.6770

Protanomaly

10.4920, 7.1524, -7.4475

Deuteranomaly

10.2530, 6.2843, -8.9919

Tritanomaly

9.7970, 4.5371, -8.5920

Monochromacy



Original Color

9.8940, 7.4473, -8.6770

Achromatopsia

10.0000, 0.0000, 0.0000

Achromatomaly

9.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 9.8940, 7.4473, -8.6770 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, 12, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 25)  
}
```

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, 12, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 25) }
```

Border

The CSS property to change the border of an element to YUV 9.8940, 7.4473, -8.6770 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, 12, 25) }
```

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

```
.border{ border-color:rgb(0, 12, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 12, 25); box-shadow:4px  
4px 4px 4px rgb(0, 12, 25) }
```


Background

The CSS property to change the background color of an element to YUV 9.8940, 7.4473, -8.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 25) }
```

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

```
.background{ background-color: rgb(0, 12,  
25) }
```

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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