

Converting Colors

YUV(22.7300, 9.5001, -13.7952)

Have a look what the booklet for
YUV(22.7300, 9.5001, -13.7952)
contains.

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Color

**YUV(22.7300, 9.5001,
-13.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	071B2A
RGB	7, 27, 42
RGB Percent	3%, 11%, 16%
CMY	0.9725, 0.8941, 0.8353
CMYK	0.83, 0.36, 0.00, 0.84
HSL	206°, 71%, 10%
HSV	206°, 83%, 16%
XYZ	0.8975, 0.9962, 2.3355
YIQ	22.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

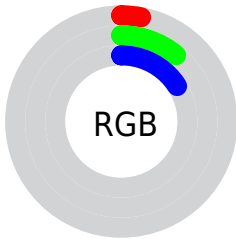
Format	Color
RYB	7, 20, 42
Decimal	465706
CIELab	8.96, -1.90, -12.54
CIElCh	9, 12.679, 261.363
Yxy	0.9962, 0.2122, 0.2356
Android (android.graphics.Color)	4278655786 (0xFF071B2A)
YUV	22.7300, 9.5001, -13.7952
Hunter-Lab	9.9810, -1.4164, -6.8867

Details

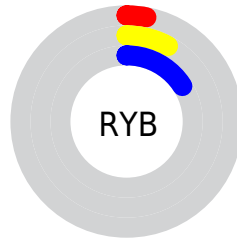
The YUV color **22.7300, 9.5001, -13.7952** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **26.2700, -9.5001, 13.7952**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.8550, 9.9315, -12.1508**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.3600, 10.6685, -15.2247**, and if you desaturate by 10%, it is **25.1000, 8.3317, -12.3657**.

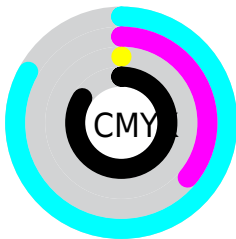
Distribution



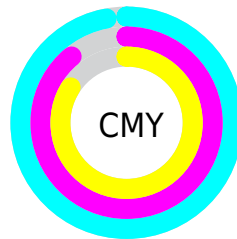
- Red (3%)
- Green (11%)
- Blue (16%)



- Red (3%)
- Yellow (8%)
- Blue (16%)



- Cyan (83%)
- Magenta (36%)
- Yellow (0%)
- Black (84%)



- Cyan (97%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.7300, 9.5001, -13.7952 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 22.7300, 9.5001, -13.7952 by changing the saturation by 10% instead.

■ 22.7300, 9.5001,
-13.7952

■ 22.7300, 9.5001,
-13.7952

■ 248.4330, 3.2375,
-11.7807

■ 3.0950, 9.3202,
-2.7143

■ 66.8550, 9.9315,
-12.1508

■ 0.0000, 0.0000,
0.0000

■ 90.6700, 10.5157,
-12.8656

■ 115.0830, 10.8051,
-12.3508

■ 140.8980, 11.3893,
-13.0655

■ 167.0120, 11.8261,
-13.1655

■ 194.5990, 11.5367,

-13.6803

■ 222.7130, 11.9735,
-13.7803

■ 22.7300, 9.5001,
-13.7952

■ 22.7300, 9.5001,
-13.7952

■ 20.3600, 10.6685,
-15.2247

■ 25.1000, 8.3317,
-12.3657

■ 18.8760, 11.4001,
-16.5543

■ 27.4700, 7.1633,
-10.9362

■ 29.5520, 6.1369,
-8.3771

■ 31.9220, 4.9685,
-6.9476

■ 34.2920, 3.8000,
-5.5181

■ 36.6620, 2.6316,
-4.0886

■ 39.0320, 1.4632,
-2.6591

■ 41.1140, 0.4368,
-0.1000

■ 43.4840, -0.7316,
1.3295

Harmonies

Analogous

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



21.3550, 8.2060, -18.7283



22.7300, 9.5001, -13.7952



25.6390, 7.5730, -2.3144

Triad

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



22.7300, 9.5001, -13.7952



25.8770, -3.3904, 14.1399



22.9900, -4.9251, -7.0072

Complementary

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



22.7300, 9.5001, -13.7952



26.2700, -9.5001, 13.7952

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.



24.0790, -9.8989, 1.6847



22.7300, 9.5001, -13.7952



25.0140, -7.8949, 12.2657

Square

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



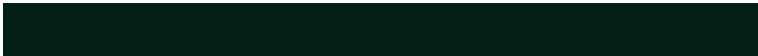
22.7300, 9.5001, -13.7952



26.3050, 0.8356, 12.0105



24.4820, -11.0836, 8.3473



20.8300, 1.0698, -16.5139

Rectangle

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



22.7300, 9.5001, -13.7952



26.2160, 5.8095, 3.3186



24.4820, -11.0836, 8.3473



23.1430, -6.9725, -3.6334

Sweetspot

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



22.7300, 9.5001, -13.7952



46.2920, 3.8000, -5.5181



29.2550, -3.5767, -19.5176



23.2600, 2.3368, -2.8590



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



22.7300, 9.5001, -13.7952



24.3530, 14.6160, -21.3576



12.7510, 14.4198, -5.0436



19.4020, 0.2948, -1.2296



37.7520, 22.8003, -33.1085



95.1950, 57.5849, -83.4860

Inverse Universe

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



19.7450, 3.5767, 19.5176



19.6800, 5.5808, 30.0986



36.2490, -14.4198, 5.0436



18.8260, 0.5788, 1.0296



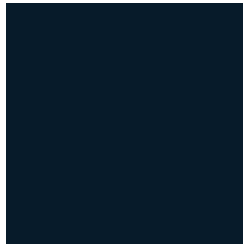
30.5880, 8.5841, 46.8423



77.1820, 21.6023, 118.2354

Previews

White Background



This preview shows how the YUV color 22.7300, 9.5001, -13.7952 looks on a white background.

Color Contrast Check

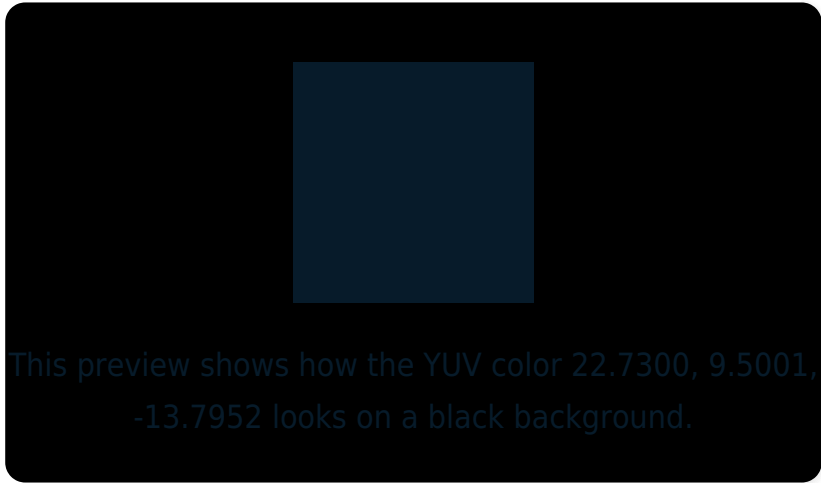
Large Text (above 18pt) WCAG AA ✓ Pass

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

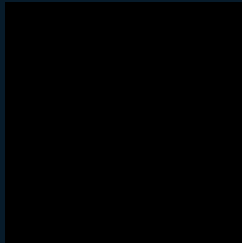
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

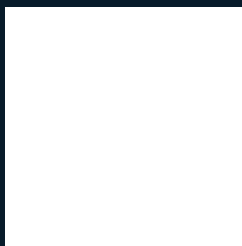
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 22.7300, 9.5001, -13.7952

Background



This preview shows how black text looks on a background with the YUV color 22.7300, 9.5001, -13.7952.



This preview shows how white text looks on a background with the YUV color 22.7300, 9.5001, -13.7952.

-13.7952.

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

22.7300, 9.5001, -13.7952

Protanopia

25.3290, 7.7258, -4.6735

Deuteranopia

24.8340, 8.4628, -7.7474



Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Original Color

22.7300, 9.5001, -13.7952

Protanomaly

24.4210, 8.1734, -8.2622

Deuteranomaly

23.9370, 8.9051, -9.5917

Tritanomaly

21.3230, 6.7428, -16.0693

Monochromacy



Original Color

22.7300, 9.5001, -13.7952

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.5910, 3.6526, -4.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.7300, 9.5001, -13.7952 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(7, 27, 42)` looks like.

```
.text, #text, p{  
    color:rgb(7, 27, 42)  
}
```

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(7, 27, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 27, 42) }
```

Border

The CSS property to change the border of an element to YUV 22.7300, 9.5001, -13.7952 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(7, 27, 42) }
```


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

```
.border{ border-color:rgb(7, 27, 42) }
```

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

Here you see how a box with a 4 pixel rgb(7, 27, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 27, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 27, 42); box-shadow:4px  
4px 4px 4px rgb(7, 27, 42) }
```

Background

The CSS property to change the background color of an element to YUV 22.7300, 9.5001, -13.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 27, 42) }
```

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

```
.background{ background-color: rgb(7, 27,  
42) }
```

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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