

Converting Colors

YUV(21.4400, 2.7411, 7.5071)

Have a look what the booklet for
YUV(21.4400, 2.7411, 7.5071)
contains.

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Color

**YUV(21.4400, 2.7411,
7.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	1E101B
RGB	30, 16, 27
RGB Percent	12%, 6%, 11%
CMY	0.8824, 0.9373, 0.8941
CMYK	0.00, 0.47, 0.10, 0.88
HSL	313°, 30%, 9%
HSV	313°, 47%, 12%
XYZ	0.9185, 0.7257, 1.1286
YIQ	21.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

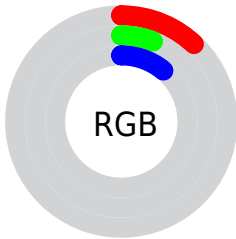
Format	Color
RYB	30, 16, 27
Decimal	1970203
CIELab	6.56, 9.28, -4.72
CIElCh	7, 10.410, 333.051
Yxy	0.7257, 0.3313, 0.2617
Android (android.graphics.Color)	4280160283 (0xFF1E101B)
YUV	21.4400, 2.7411, 7.5071
Hunter-Lab	8.5190, 4.3381, -1.8913

Details

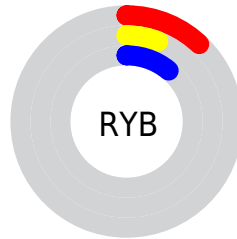
The YUV color **21.4400, 2.7411, 7.5071** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.5600, -2.7411, -7.5071**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.1520, 2.8831, 8.6367**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.5650, 3.1725, 9.1515**, and if you desaturate by 10%, it is **23.3150, 2.3097, 5.8627**.

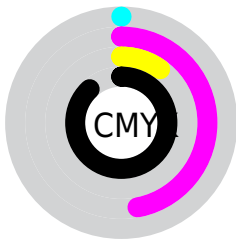
Distribution



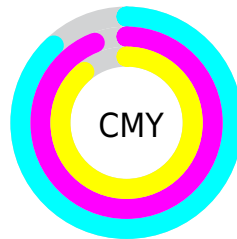
- Red (12%)
- Green (6%)
- Blue (11%)



- Red (12%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (88%)



- Cyan (88%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.4400, 2.7411, 7.5071 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 21.4400, 2.7411, 7.5071 by changing the saturation by 10% instead.

■ 21.4400, 2.7411,
7.5071

■ 21.4400, 2.7411,
7.5071

■ 246.0810, 3.9041,
7.8220

■ 0.0000, 0.0000,
0.0000

■ 64.1520, 2.8831,
8.6367

■ 87.5650, 3.1725,
9.1515

■ 111.8640, 3.0250,
9.7663

■ 137.5650, 3.1725,
9.1515

■ 163.8640, 3.0250,
9.7663

■ 191.2770, 3.3144,

10.2811

■ 218.6900, 3.6038,
10.7959

■ 21.4400, 2.7411,
7.5071

■ 21.4400, 2.7411,
7.5071

■ 19.5650, 3.1725,
9.1515

■ 23.3150, 2.3097,
5.8627

■ 17.8040, 4.0406,
10.6959

■ 25.0760, 1.4415,
4.3183

■ 15.9290, 4.4720,
12.3403

■ 26.9510, 1.0102,
2.6740

■ 14.0540, 4.9034,
13.9846

■ 28.8260, 0.5788,
1.0296

■ 12.2930, 5.7716,
15.5290

■ 30.5870, -0.2894,
-0.5148

■ 11.7060, 6.0609,
16.0438

■ 32.4620, -0.7208,
-2.1592

■ 34.3370, -1.1521,
-3.8035

■ 36.0980, -2.0203,
-5.3479

■ 37.9730, -2.4517,
-6.9923

Harmonies

Analogous

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



21.0910, 5.3781, 1.6742



21.4400, 2.7411, 7.5071



21.2510, -0.6167, 11.1809

Triad

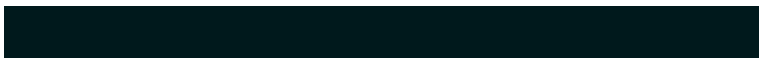
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.4400, 2.7411, 7.5071



19.5140, -9.6204, 5.6882



17.8670, 4.9956, -15.6694

Complementary

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



21.4400, 2.7411, 7.5071



24.5600, -2.7411, -7.5071

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.



17.0690, 1.9380, -14.9695



21.4400, 2.7411, 7.5071



18.8120, -8.2883, -1.5891

Square

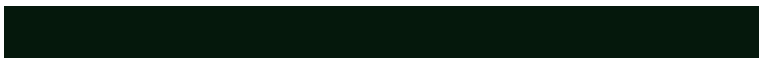
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



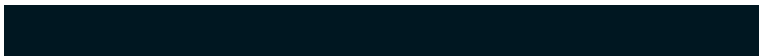
21.4400, 2.7411, 7.5071



20.3620, -9.0525, 10.2065



16.9510, -2.4408, -10.4810



17.2630, 7.7583, -15.1397

Rectangle

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



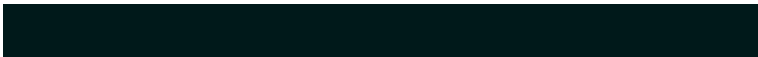
21.4400, 2.7411, 7.5071



20.5670, -3.2375, 11.7807



16.9510, -2.4408, -10.4810



17.6390, 4.1220, -15.4694

Sweetspot

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



21.4400, 2.7411, 7.5071



34.9510, 1.0102, 2.6740



18.4930, 5.6730, 0.4446



18.2390, 0.8682, 1.5444



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



21.4400, 2.7411, 7.5071



25.2170, 4.3300, 11.2107



20.6420, -0.3165, 8.2070



14.4130, 0.2894, 0.5148



30.6890, 15.4363, 42.3687



80.3610, 40.2480, 111.0624

Inverse Universe

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



21.4400, 2.7411, 7.5071



25.2170, 4.3300, 11.2107



25.3580, 0.3165, -8.2070



14.4130, 0.2894, 0.5148



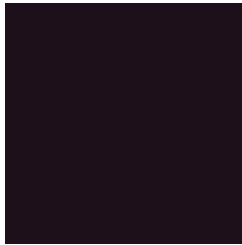
30.6890, 15.4363, 42.3687



80.3610, 40.2480, 111.0624

Previews

White Background



This preview shows how the YUV color 21.4400, 2.7411, 7.5071 looks on a white background.

Color Contrast Check

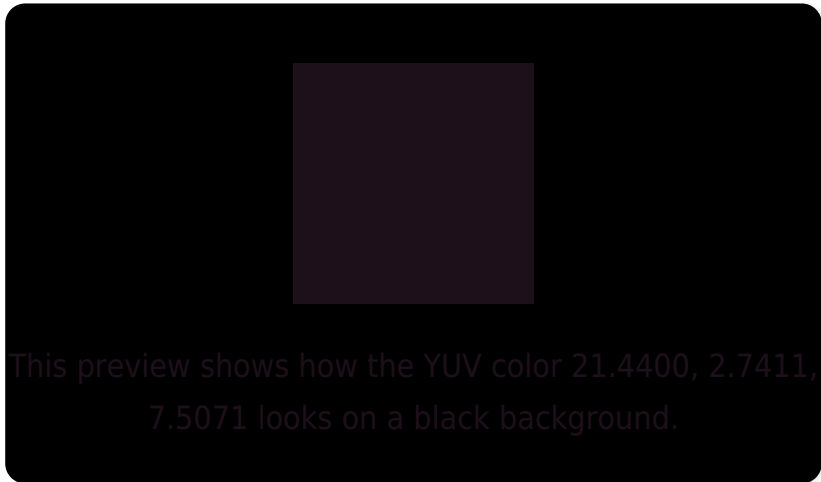
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4400, 2.7411, 7.5071

Background



This preview shows how black text looks on a background with the YUV color 21.4400, 2.7411, 7.5071.

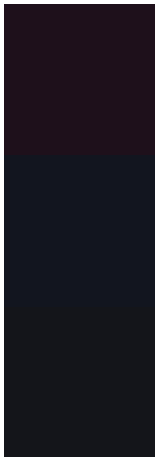


This preview shows how white text looks on a background with the YUV color 21.4400, 2.7411,

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

21.4400, 2.7411, 7.5071

Protanopia

21.2430, 4.8102, -2.8441

Deuteranopia

21.2710, 2.3314, -1.1147



Tritanopia

21.4030, -1.1847, 6.6626

Trichromacy



Original Color

21.4400, 2.7411, 7.5071

Protanomaly

21.1510, 4.3626, 0.7446

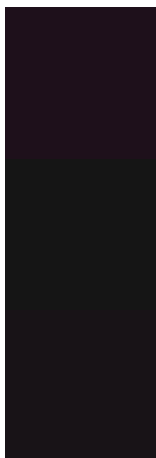
Deuteranomaly

21.2930, 2.3206, 2.3740

Tritanomaly

21.1580, 0.4151, 6.8774

Monochromacy



Original Color

21.4400, 2.7411, 7.5071

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.4400, 2.7411, 7.5071 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(30, 16, 27)` looks like.

```
.text, #text, p{  
    color:rgb(30, 16, 27)  
}
```

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(30, 16, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 16, 27) }
```

Border

The CSS property to change the border of an element to YUV 21.4400, 2.7411, 7.5071 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(30, 16, 27) }
```


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

```
.border{ border-color:rgb(30, 16, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 16, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 16, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 16, 27);  
box-shadow:4px 4px 4px 4px rgb(30, 16, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.4400, 2.7411, 7.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 16, 27) }
```

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

```
.background{ background-color: rgb(30, 16,  
27) }
```

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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