

Converting Colors

YUV(24.4400, -0.7099, -5.6479)

Have a look what the booklet for
YUV(24.4400, -0.7099, -5.6479)
contains.

YUV(24.4400, -0.7099, -5.6479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(24.4400, -0.7099,
-5.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	121C17
RGB	18, 28, 23
RGB Percent	7%, 11%, 9%
CMY	0.9294, 0.8902, 0.9098
CMYK	0.36, 0.00, 0.18, 0.89
HSL	150°, 22%, 9%
HSV	150°, 36%, 11%
XYZ	0.8194, 1.0210, 0.9645
YIQ	24.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

Format	Color
R_{YB}	18, 25, 28
Decimal	1186839
CIE Lab	9.16, -5.94, 2.01
CIE LCh	9, 6.269, 161.339
Yxy	1.0210, 0.2921, 0.3640
Android (android.graphics.Color)	4279376919 (0xFF121C17)
YUV	24.4400, -0.7099, -5.6479
Hunter-Lab	10.1043, -3.2079, 1.4136

Details

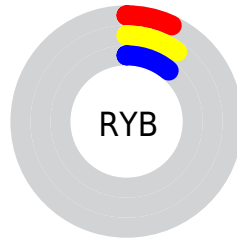
The YUV color **24.4400, -0.7099, -5.6479** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.5600, 0.7099, 5.6479**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.0270, -0.9993, -6.1627**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.4290, -0.7045, -7.3922**, and if you desaturate by 10%, it is **25.4510, -0.7153, -3.9035**.

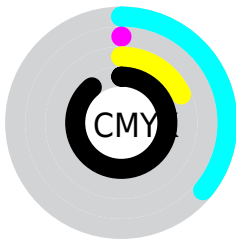
Distribution



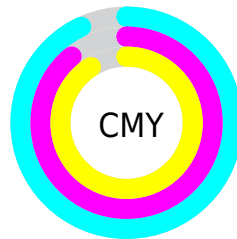
- Red (7%)
- Green (11%)
- Blue (9%)



- Red (7%)
- Yellow (10%)
- Blue (11%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (89%)



- Cyan (93%)
- Magenta (89%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.4400, -0.7099, -5.6479 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 24.4400, -0.7099, -5.6479 by changing the saturation by 10% instead.

■ 24.4400, -0.7099,
-5.6479

■ 24.4400, -0.7099,
-5.6479

■ 250.3150, -1.1413,
-7.2923

■ 0.0000, 0.0000,
0.0000

■ 67.0270, -0.9993,
-6.1627

■ 90.7280, -0.8519,
-6.7775

■ 115.3150, -1.1413,
-7.2923

■ 140.7280, -0.8519,
-6.7775

■ 167.3150, -1.1413,
-7.2923

■ 194.3150, -1.1413,

-7.2923

■ 222.3150, -1.1413,
-7.2923

■ 24.4400, -0.7099,
-5.6479

■ 24.4400, -0.7099,
-5.6479

■ 23.4290, -0.7045,
-7.3922

■ 25.4510, -0.7153,
-3.9035

■ 22.3040, -1.1359,
-9.0366

■ 26.5760, -0.2840,
-2.2592

■ 21.5920, -1.2779,
-10.1662

■ 27.2880, -0.1420,
-1.1296

■ 20.4670, -1.7092,
-11.8106

■ 28.4130, 0.2894,
0.5148

■ 19.4560, -1.7038,
-13.5549

■ 29.4240, 0.2840,
2.2592

■ 18.4450, -1.6984,
-15.2993

■ 30.4350, 0.2785,
4.0035

■ 18.0320, -1.9878,
-15.8141

■ 31.5600, 0.7099,
5.6479

■ 32.2720, 0.8519,
6.7775

■ 33.3970, 1.2833,
8.4218

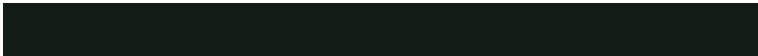
Harmonies

Analogous

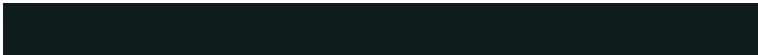
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.8920, -2.9048, -1.6593



24.4400, -0.7099, -5.6479



23.9990, 1.4795, -7.8921

Triad

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



24.4400, -0.7099, -5.6479



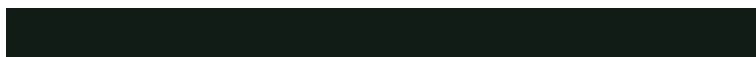
26.0150, 3.9366, -2.6442



25.9470, -2.9319, 7.0625

Complementary

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



24.4400, -0.7099, -5.6479



21.5600, 0.7099, 5.6479

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.



26.4030, -1.1847, 6.6626



24.4400, -0.7099, -5.6479



26.1080, 2.9048, 1.6593

Square

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



24.4400, -0.7099, -5.6479



25.1070, 4.3842, -6.2328



26.6740, 1.1467, 5.5479



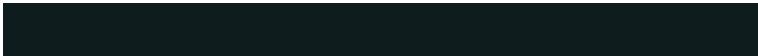
26.1810, -4.5262, 5.1033

Rectangle

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



24.4400, -0.7099, -5.6479



24.0420, 2.9373, -8.8068



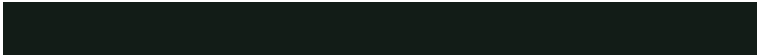
26.6740, 1.1467, 5.5479



26.1750, -2.0583, 6.8625

Sweetspot

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



24.4400, -0.7099, -5.6479



34.5760, -0.2840, -2.2592



25.3650, -3.6309, -2.0741



17.2880, -0.1420, -1.1296



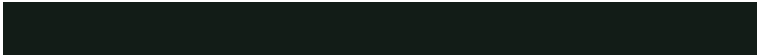
145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



24.4400, -0.7099, -5.6479



30.3040, -1.1359, -9.0366



25.0100, 1.4741, -6.1478



12.2880, -0.1420, -1.1296



49.5310, -5.6848, -43.4387



131.3760, -14.4824, -115.2168

Inverse Universe

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



21.5600, 0.7099, 5.6479



25.6960, 1.1359, 9.0366



20.9900, -1.4741, 6.1478



11.7120, 0.1420, 1.1296



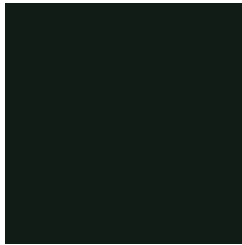
27.3550, 5.2480, 43.5387



72.6240, 14.4824, 115.2168

Previews

White Background



This preview shows how the YUV color 24.4400, -0.7099, -5.6479 looks on a white background.

Color Contrast Check

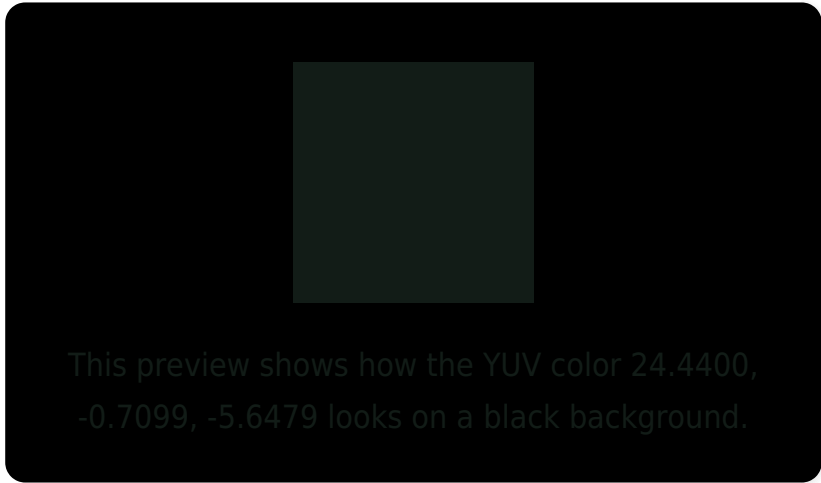
Large Text (above 18pt) WCAG AA ✓ Pass

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

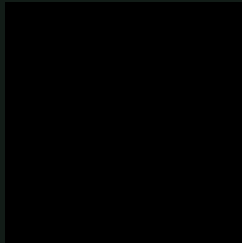
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.4400, -0.7099, -5.6479

Background



This preview shows how black text looks on a background with the YUV color 24.4400, -0.7099, -5.6479.



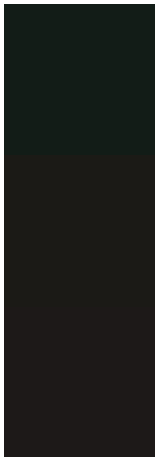
This preview shows how white text looks on a background with the YUV color 24.4400, -0.7099, -5.6479.

-5.6479.

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

24.4400, -0.7099, -5.6479

Protanopia

25.8430, -1.8946, 1.0147

Deuteranopia

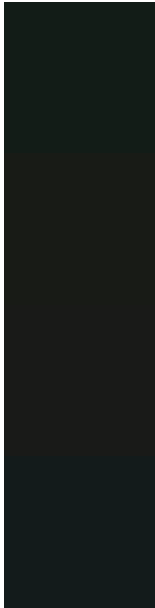
26.0820, -1.0264, 2.5591



Tritanopia

24.8360, 2.0529, -5.1182

Trichromacy



Original Color

24.4400, -0.7099, -5.6479

Protanomaly

25.5330, -1.7418, -1.3444

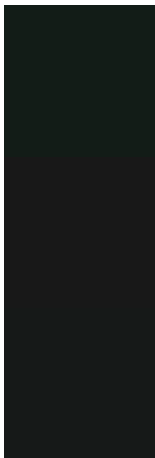
Deuteranomaly

25.4730, -0.7262, -0.4148

Tritanomaly

24.6080, 1.1793, -4.9182

Monochromacy



Original Color

24.4400, -0.7099, -5.6479

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.4400, -0.7099, -5.6479 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(18, 28, 23)` looks like.

```
.text, #text, p{  
    color:rgb(18, 28, 23)  
}
```

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(18, 28, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 28, 23) }
```

Border

The CSS property to change the border of an element to YUV 24.4400, -0.7099, -5.6479 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(18, 28, 23) }
```


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

```
.border{ border-color:rgb(18, 28, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 28, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 28, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 28, 23);  
box-shadow:4px 4px 4px 4px rgb(18, 28, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.4400, -0.7099, -5.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 28, 23) }
```

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

```
.background{ background-color: rgb(18, 28,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor