

Converting Colors

YUV(23.9270, 7.4310, -3.4440)

Have a look what the booklet for
YUV(23.9270, 7.4310, -3.4440)
contains.

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Color

**YUV(23.9270, 7.4310,
-3.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	141727
RGB	20, 23, 39
RGB Percent	8%, 9%, 15%
CMY	0.9216, 0.9098, 0.8471
CMYK	0.49, 0.41, 0.00, 0.85
HSL	231°, 32%, 12%
HSV	231°, 49%, 15%
XYZ	0.9611, 0.9080, 2.0441
YIQ	23.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

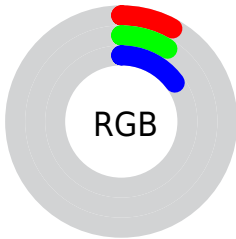
Format	Color
R_{YB}	20, 23, 39
Decimal	1316647
CIE Lab	8.20, 3.81, -11.43
CIE LCh	8, 12.048, 288.436
Yxy	0.9080, 0.2456, 0.2320
Android (android.graphics.Color)	4279506727 (0xFF141727)
YUV	23.9270, 7.4310, -3.4440
Hunter-Lab	9.5289, 1.3282, -6.0482

Details

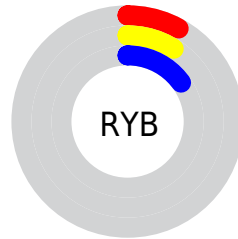
The YUV color **23.9270, 7.4310, -3.4440** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **35.0730, -7.4310, 3.4440**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5680, 8.5940, -3.1291**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.9700, 8.8888, -4.3587**, and if you desaturate by 10%, it is **26.8840, 5.9732, -2.5293**.

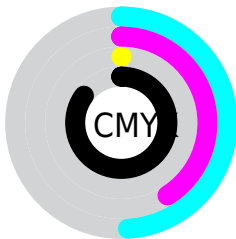
Distribution



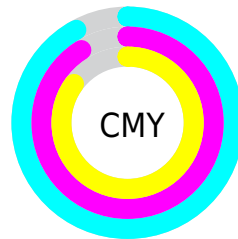
- Red (8%)
- Green (9%)
- Blue (15%)



- Red (8%)
- Yellow (9%)
- Blue (15%)



- Cyan (49%)
- Magenta (41%)
- Yellow (0%)
- Black (85%)



- Cyan (92%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.9270, 7.4310, -3.4440 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 23.9270, 7.4310, -3.4440 by changing the saturation by 10% instead.

■ 23.9270, 7.4310,
-3.4440

■ 23.9270, 7.4310,
-3.4440

■ 248.4990, 3.2050,
-1.3146

■ 2.6390, 7.5730,
-2.3144

■ 66.5680, 8.5940,
-3.1291

■ 0.0000, 0.0000,
0.0000

■ 90.5680, 8.5940,
-3.1291

■ 114.7960, 9.4676,
-3.3291

■ 140.7960, 9.4676,
-3.3291

■ 166.9100, 9.9044,
-3.4291

■ 193.9100, 9.9044,

-3.4291

■ 222.0240, 10.3412,
-3.5290

■ 23.9270, 7.4310,
-3.4440

■ 23.9270, 7.4310,
-3.4440

■ 20.9700, 8.8888,
-4.3587

■ 26.8840, 5.9732,
-2.5293

■ 17.4260, 10.6360,
-4.7586

■ 30.4280, 4.2260,
-2.1294

■ 14.4690, 12.0938,
-5.6733

■ 33.3850, 2.7682,
-1.2146

■ 11.5120, 13.5516,
-6.5880

■ 36.3420, 1.3104,
-0.2999

■ 8.5550, 15.0094,
-7.5027

■ 39.2990, -0.1474,
0.6148

■ 7.9680, 15.2988,
-6.9879

■ 42.5440, -1.7472,
0.3999

■ 45.5010, -3.2050,
1.3146

■ 48.4580, -4.6628,
2.2293

■ 52.0020, -6.4100,
2.6292

Harmonies

Analogous

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



21.5020, 8.6265, -13.5953



23.9270, 7.4310, -3.4440



24.9990, 4.9305, 5.2629

Triad

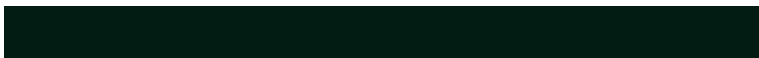
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.9270, 7.4310, -3.4440



23.4270, -7.6055, 12.7805



19.3140, 0.3382, -15.1844

Complementary

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



23.9270, 7.4310, -3.4440



35.0730, -7.4310, 3.4440

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.



21.4740, -5.6567, -5.6777



23.9270, 7.4310, -3.4440



22.8950, -10.7942, 8.8621

Square

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



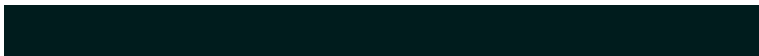
23.9270, 7.4310, -3.4440



24.3930, -2.6587, 12.8103



22.6770, -10.1938, 2.9143



19.7420, 4.5642, -17.3137

Rectangle

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



23.9270, 7.4310, -3.4440



24.7500, 2.5882, 9.8663



22.6770, -10.1938, 2.9143



20.1680, -1.5618, -12.4253

Sweetspot

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



23.9270, 7.4310, -3.4440



45.0860, 2.9156, -1.8294



32.9770, 1.4903, -11.3808



22.1570, 1.8946, -1.0147



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



23.9270, 7.4310, -3.4440



27.3550, 11.6570, -5.5733



23.9600, 7.4147, 1.7891



18.8150, 0.5842, -0.7148



17.2070, 32.9289, -15.0905



43.5390, 83.0513, -38.1837

Inverse Universe

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



26.0230, -1.4903, 11.3808



30.5400, -2.2382, 17.9434



35.0400, -7.4147, -1.7891



18.7120, 0.1420, 1.1296



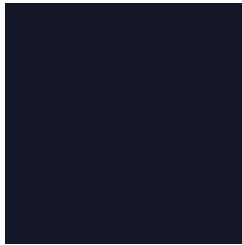
26.5980, -6.7038, 50.3416



67.1500, -16.8359, 127.0335

Previews

White Background



This preview shows how the YUV color 23.9270, 7.4310, -3.4440 looks on a white background.

Color Contrast Check

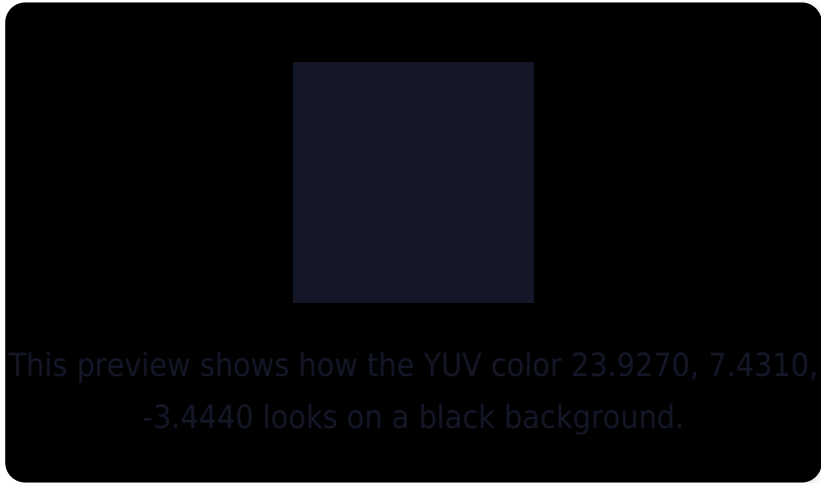
Large Text (above 18pt) WCAG AA ✓ Pass

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

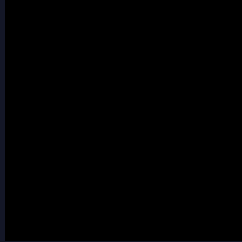
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.9270, 7.4310, -3.4440

Background



This preview shows how black text looks on a background with the YUV color 23.9270, 7.4310, -3.4440.



This preview shows how white text looks on a background with the YUV color 23.9270, 7.4310,

-3.4440.

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

23.9270, 7.4310, -3.4440

Protanopia

23.3290, 7.7258, -4.6735

Deuteranopia

23.0190, 7.8786, -7.0327



Tritanopia

22.9500, 2.4897, -5.2181

Trichromacy



Original Color

23.9270, 7.4310, -3.4440

Protanomaly

23.6280, 7.5784, -4.0588

Deuteranomaly

23.6170, 7.5838, -5.8031

Tritanomaly

23.1180, 4.3788, -4.4885

Monochromacy



Original Color

23.9270, 7.4310, -3.4440

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.9270, 7.4310, -3.4440 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(20, 23, 39)` looks like.

```
.text, #text, p{  
    color:rgb(20, 23, 39)  
}
```

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(20, 23, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 23, 39) }
```

Border

The CSS property to change the border of an element to YUV 23.9270, 7.4310, -3.4440 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(20, 23, 39) }
```


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

```
.border{ border-color:rgb(20, 23, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 23, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 23, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 23, 39);  
box-shadow:4px 4px 4px 4px rgb(20, 23, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.9270, 7.4310, -3.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 23, 39) }
```

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

```
.background{ background-color: rgb(20, 23,  
39) }
```

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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