

Converting Colors

YUV(22.9440, 4.9576, -3.4589)

Have a look what the booklet for
YUV(22.9440, 4.9576, -3.4589)
contains.

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Color

**YUV(22.9440, 4.9576,
-3.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	131721
RGB	19, 23, 33
RGB Percent	7%, 9%, 13%
CMY	0.9255, 0.9098, 0.8706
CMYK	0.42, 0.30, 0.00, 0.87
HSL	223°, 27%, 10%
HSV	223°, 42%, 13%
XYZ	0.8495, 0.8610, 1.5603
YIQ	22.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

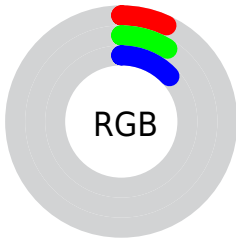
Format	Color
R_{YB}	19, 22, 33
Decimal	1251105
CIE _{Lab}	7.78, 1.27, -7.58
CIE _{LCh}	8, 7.688, 279.523
Yxy	0.8610, 0.2597, 0.2633
Android (android.graphics.Color)	4279441185 (0xFF131721)
YUV	22.9440, 4.9576, -3.4589
Hunter-Lab	9.2793, 0.1021, -3.4739

Details

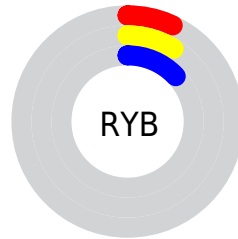
The YUV color **22.9440, 4.9576, -3.4589** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **29.0560, -4.9576, 3.4589**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.1720, 5.8312, -3.6588**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.8730, 5.9786, -4.2736**, and if you desaturate by 10%, it is **25.0150, 3.9366, -2.6442**.

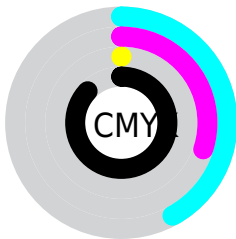
Distribution



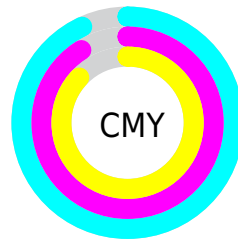
- Red (7%)
- Green (9%)
- Blue (13%)



- Red (7%)
- Yellow (9%)
- Blue (13%)



- Cyan (42%)
- Magenta (30%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.9440, 4.9576, -3.4589 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 22.9440, 4.9576, -3.4589 by changing the saturation by 10% instead.

■ 22.9440, 4.9576,
-3.4589

■ 22.9440, 4.9576,
-3.4589

■ 247.6020, 3.6472,
-3.1590

■ 1.0260, 3.9312,
-0.8998

■ 65.1720, 5.8312,
-3.6588

■ 0.0000, 0.0000,
0.0000

■ 89.1720, 5.8312,
-3.6588

■ 113.2860, 6.2680,
-3.7588

■ 138.9870, 6.4154,
-4.3736

■ 165.4000, 6.7048,
-3.8588

■ 192.4000, 6.7048,

-3.8588

■ 220.4000, 6.7048,
-3.8588

■ 22.9440, 4.9576,
-3.4589

■ 22.9440, 4.9576,
-3.4589

■ 20.8730, 5.9786,
-4.2736

■ 25.0150, 3.9366,
-2.6442

■ 17.9160, 7.4364,
-5.1883

■ 27.9720, 2.4788,
-1.7294

■ 15.8450, 8.4574,
-6.0031

■ 30.0430, 1.4578,
-0.9147

■ 13.7740, 9.4784,
-6.8178

■ 32.1140, 0.4368,
-0.1000

■ 10.8170, 10.9362,
-7.7325

■ 35.0710, -1.0210,
0.8147

■ 9.0450, 11.8098,
-7.9325

■ 37.1420, -2.0420,
1.6295

■ 39.8000, -3.3524,
1.9294

■ 41.8710, -4.3734,
2.7441

■ 44.2410, -5.5418,
4.1736

Harmonies

Analogous

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



21.9110, 4.9739, -8.6919



22.9440, 4.9576, -3.4589



23.6350, 3.6309, 2.0741

Triad

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



22.9440, 4.9576, -3.4589



23.4310, -3.6635, 8.3920



21.3150, -1.1413, -7.2923

Complementary

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



22.9440, 4.9576, -3.4589



29.0560, -4.9576, 3.4589

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.



22.1370, -4.5045, -1.8741



22.9440, 4.9576, -3.4589



23.1380, -5.9840, 6.0180

Square

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



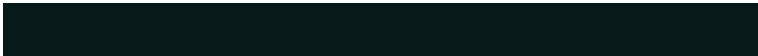
22.9440, 4.9576, -3.4589



23.5280, -0.7533, 8.3069



22.4150, -6.1206, 3.1440



20.2050, 2.3639, -11.5808

Rectangle

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



22.9440, 4.9576, -3.4589



23.9020, 2.0203, 5.3479



22.4150, -6.1206, 3.1440



21.6850, -2.3097, -5.8627

Sweetspot

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



22.9440, 4.9576, -3.4589



39.1570, 1.8946, -1.0147



28.3580, 0.3165, -8.2070



20.0430, 1.4578, -0.9147



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



22.9440, 4.9576, -3.4589



27.6170, 7.5838, -5.8031



21.4930, 5.6730, 0.4446



14.1140, 0.4368, -0.1000



22.5070, 27.8510, -19.7386



58.2310, 73.3431, -51.0686

Inverse Universe

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



23.6420, -0.3165, 8.2070



28.3760, -0.1854, 12.8252



30.5070, -5.6730, -0.4446



14.2990, -0.1474, 0.6148



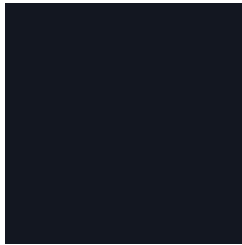
26.2430, -1.5988, 46.2679



68.6190, -4.7422, 121.3601

Previews

White Background



This preview shows how the YUV color 22.9440, 4.9576, -3.4589 looks on a white background.

Color Contrast Check

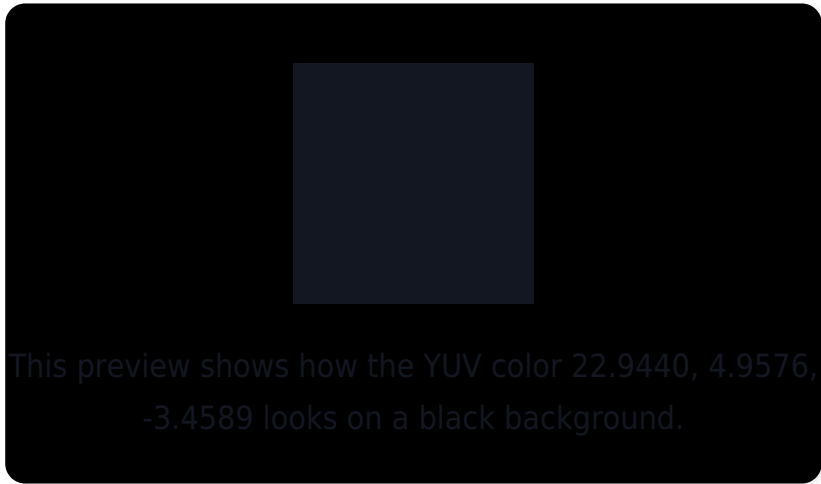
Large Text (above 18pt) WCAG AA ✓ Pass

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

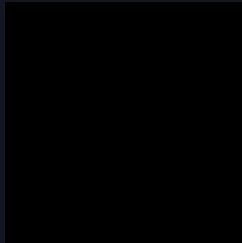
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

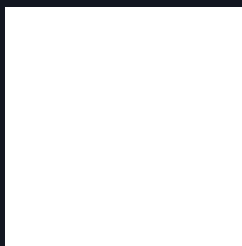
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 22.9440, 4.9576, -3.4589

Background



This preview shows how black text looks on a background with the YUV color 22.9440, 4.9576, -3.4589.



This preview shows how white text looks on a background with the YUV color 22.9440, 4.9576,

-3.4589.

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

22.9440, 4.9576, -3.4589

Protanopia

23.2430, 4.8102, -2.8441

Deuteranopia

22.9440, 4.9576, -3.4589



Tritanopia

22.1350, 1.9054, -4.5034

Trichromacy



Original Color

22.9440, 4.9576, -3.4589

Protanomaly

23.2430, 4.8102, -2.8441

Deuteranomaly

22.9440, 4.9576, -3.4589

Tritanomaly

22.7760, 3.0684, -4.1886

Monochromacy



Original Color

22.9440, 4.9576, -3.4589

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.9440, 4.9576, -3.4589 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(19, 23, 33)` looks like.

```
.text, #text, p{  
    color:rgb(19, 23, 33)  
}
```

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(19, 23, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 23, 33) }
```

Border

The CSS property to change the border of an element to YUV 22.9440, 4.9576, -3.4589 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(19, 23, 33) }
```


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

```
.border{ border-color:rgb(19, 23, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 23, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 23, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 23, 33);  
box-shadow:4px 4px 4px 4px rgb(19, 23, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.9440, 4.9576, -3.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 23, 33) }
```

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

```
.background{ background-color: rgb(19, 23,  
33) }
```

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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