

Converting Colors

YUV(19.9830, 2.4734, 0.0149)

Have a look what the booklet for
YUV(19.9830, 2.4734, 0.0149)
contains.

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Color

**YUV(19.9830, 2.4734,
0.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	141319
RGB	20, 19, 25
RGB Percent	8%, 7%, 10%
CMY	0.9216, 0.9255, 0.9020
CMYK	0.20, 0.24, 0.00, 0.90
HSL	250°, 14%, 9%
HSV	250°, 24%, 10%
XYZ	0.6968, 0.6847, 1.0151
YIQ	19.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

Format	Color
RYB	20, 19, 25
Decimal	1315609
CIELab	6.18, 1.89, -3.84
CIElCh	6, 4.283, 296.154
Yxy	0.6847, 0.2908, 0.2857
Android (android.graphics.Color)	4279505689 (0xFF141319)
YUV	19.9830, 2.4734, 0.0149
Hunter-Lab	8.2744, 0.5523, -1.4818

Details

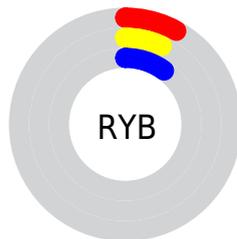
The YUV color **19.9830, 2.4734, 0.0149** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.0170, -2.4734, -0.0149**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.0970, 2.9102, -0.0851**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.2110, 3.3470, -0.1850**, and if you desaturate by 10%, it is **22.3420, 1.3104, -0.2999**.

Distribution



- Red (8%)
- Green (7%)
- Blue (10%)



- Red (8%)
- Yellow (7%)
- Blue (10%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (90%)



- Cyan (92%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.9830, 2.4734, 0.0149 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 19.9830, 2.4734, 0.0149 by changing the saturation by 10% instead.

■ 19.9830, 2.4734,
0.0149

■ 19.9830, 2.4734,
0.0149

■ 244.2110, 3.3470,
-0.1850

■ 0.0000, 0.0000,
0.0000

■ 62.0970, 2.9102,
-0.0851

■ 85.0970, 2.9102,
-0.0851

■ 110.0970, 2.9102,
-0.0851

■ 135.0970, 2.9102,
-0.0851

■ 161.2110, 3.3470,
-0.1850

■ 188.2110, 3.3470,

-0.1850

■ 216.2110, 3.3470,
-0.1850

■ 19.9830, 2.4734,
0.0149

■ 19.9830, 2.4734,
0.0149

■ 18.2110, 3.3470,
-0.1850

■ 22.3420, 1.3104,
-0.2999

■ 15.8520, 4.5100,
0.1298

■ 24.1140, 0.4368,
-0.1000

■ 14.0800, 5.3836,
-0.0702

■ 26.4730, -0.7262,
-0.4148

■ 11.7210, 6.5465,
0.2447

■ 28.2450, -1.5998,
-0.2149

■ 9.9490, 7.4201,
0.0447

■ 30.6040, -2.7628,
-0.5297

■ 7.5900, 8.5831,
0.3596

■ 32.6750, -3.7838,
0.2850

■ 5.5190, 9.6041,
-0.4552

■ 35.0340, -4.9468,
-0.0298

■ 4.0460, 10.3303,
-0.0403

■ 36.8060, -5.8204,
0.1701

■ 39.1650, -6.9833,
-0.1447

Harmonies

Analogous

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



19.4880, 3.2104, -3.0590



19.9830, 2.4734, 0.0149



20.0650, 1.4470, 2.5740

Triad

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



19.9830, 2.4734, 0.0149



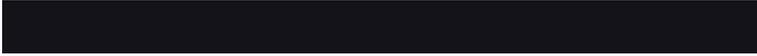
19.6370, -2.7790, 4.7034



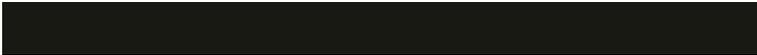
18.6680, 0.1637, -5.8478

Complementary

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



19.9830, 2.4734, 0.0149



24.0170, -2.4734, -0.0149

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.



18.6360, -1.2995, -3.1888



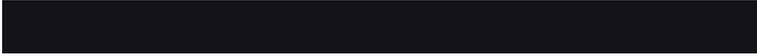
19.9830, 2.4734, 0.0149



19.3980, -3.6472, 3.1590

Square

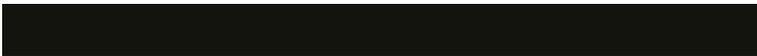
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



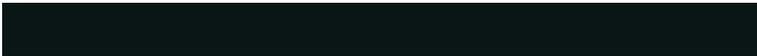
19.9830, 2.4734, 0.0149



20.2780, -1.6161, 5.0182



18.9030, -2.9102, 0.0851



18.4120, 1.7689, -7.3773

Rectangle

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



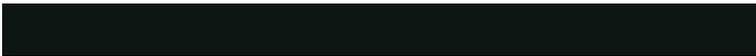
19.9830, 2.4734, 0.0149



20.4350, 0.2785, 4.0035



18.9030, -2.9102, 0.0851



18.8530, -0.4205, -5.1331

Sweetspot

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



19.9830, 2.4734, 0.0149



31.2280, 0.8736, -0.2000



22.6190, 1.1738, -3.1739



16.5270, 0.7262, 0.4148



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.



19.9830, 2.4734, 0.0149



25.3250, 3.7838, -0.2850



20.8800, 2.0312, 1.8592



11.5270, 0.7262, 0.4148



12.6650, 31.7172, 0.2938



33.4220, 84.0950, 0.5069

Inverse Universe

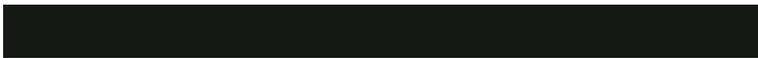
The Inverse Universe completely reimagines the original color for something new.



21.3640, 1.2995, 3.1888



27.6030, 2.1677, 4.7332



23.1200, -2.0312, -1.8592



11.8260, 0.5788, 1.0296



30.3190, 16.6047, 40.9392



80.3760, 44.1846, 108.4182

Previews

White Background



This preview shows how the YUV color 19.9830, 2.4734, 0.0149 looks on a white background.

Color Contrast Check

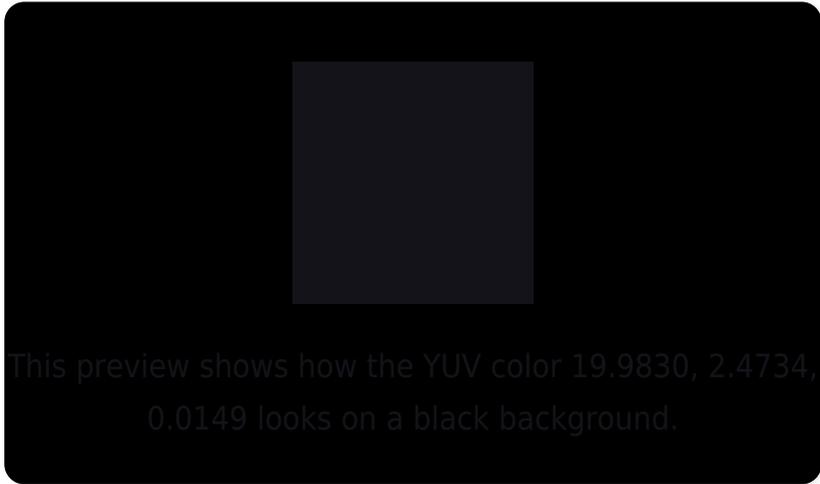
Large Text (above 18pt) WCAG AA ✓ Pass

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

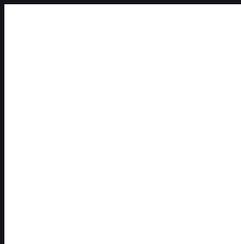
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 19.9830, 2.4734, 0.0149

Background



This preview shows how black text looks on a background with the YUV color 19.9830, 2.4734, 0.0149.



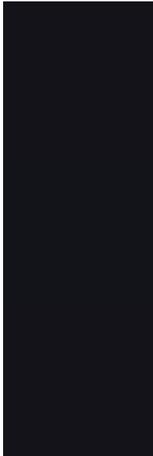
This preview shows how white text looks on a background with the YUV color 19.9830, 2.4734,

0.0149.

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

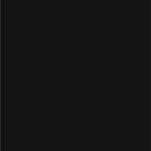
19.9830, 2.4734, 0.0149

Protanopia

19.9720, 2.4788, -1.7294

Deuteranopia

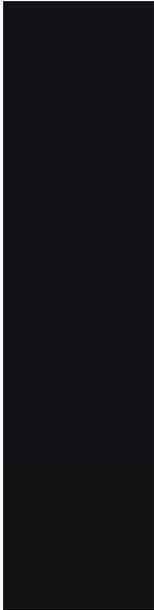
19.6840, 2.6208, -0.5999



Tritanopia

19.8150, 0.5842, -0.7148

Trichromacy



Original Color

19.9830, 2.4734, 0.0149

Protanomaly

20.2710, 2.3314, -1.1147

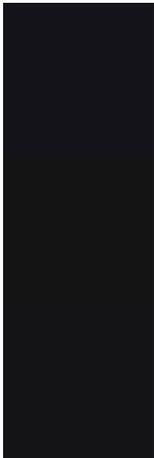
Deuteranomaly

19.6840, 2.6208, -0.5999

Tritanomaly

19.9290, 1.0210, -0.8147

Monochromacy



Original Color

19.9830, 2.4734, 0.0149

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.9830, 2.4734, 0.0149 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, 19, 25)` looks like.

```
.text, #text, p{  
    color:rgb(20, 19, 25)  
}
```

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, 19, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 19, 25) }
```

Border

The CSS property to change the border of an element to YUV 19.9830, 2.4734, 0.0149 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, 19, 25) }
```

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

```
.border{ border-color:rgb(20, 19, 25) }
```

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

Here you see how a box with a 4 pixel rgb(20, 19, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 19, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 19, 25);  
box-shadow:4px 4px 4px 4px rgb(20, 19, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 19.9830, 2.4734, 0.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 19, 25) }
```

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

```
.background{ background-color: rgb(20, 19,  
25) }
```

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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