

Converting Colors

YUV(17.9750, -1.9597, 21.9469)

Have a look what the booklet for
YUV(17.9750, -1.9597, 21.9469)
contains.

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Color

**YUV(17.9750, -1.9597,
21.9469)**

Conversions

Conversions Part 1

Format	Color
Hex	2B060E
RGB	43, 6, 14
RGB Percent	17%, 2%, 5%
CMY	0.8314, 0.9765, 0.9451
CMYK	0.00, 0.86, 0.67, 0.83
HSL	347°, 76%, 10%
HSV	347°, 86%, 17%
XYZ	1.1407, 0.6755, 0.4857
YIQ	17.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

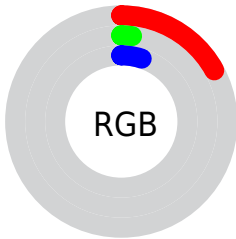
Format	Color
RYB	43, 6, 14
Decimal	2819598
CIELab	6.10, 19.21, 3.57
CIELCh	6, 19.536, 10.539
Yxy	0.6755, 0.4955, 0.2935
Android (android.graphics.Color)	4281009678 (0xFF2B060E)
YUV	17.9750, -1.9597, 21.9469
Hunter-Lab	8.2192, 10.3886, 2.2495

Details

The YUV color **17.9750, -1.9597, 21.9469** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **31.0250, 1.9597, -21.9469**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.7580, -2.8387, 23.8912**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.2850, -2.1125, 24.3061**, and if you desaturate by 10%, it is **20.6650, -1.8068, 19.5878**.

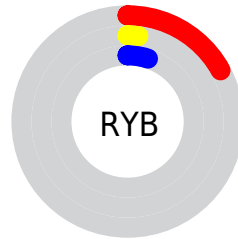
Distribution



Red (17%)

Green (2%)

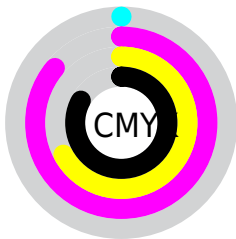
Blue (5%)



Red (17%)

Yellow (2%)

Blue (5%)

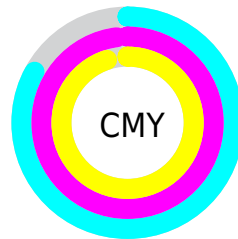


Cyan (0%)

Magenta (86%)

Yellow (67%)

Black (83%)



Cyan (83%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.9750, -1.9597, 21.9469 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 17.9750, -1.9597, 21.9469 by changing the saturation by 10% instead.

■ 17.9750, -1.9597,
21.9469

■ 17.9750, -1.9597,
21.9469

■ 238.9740, -0.4802,
14.0548

■ 1.7940, -0.8844,
3.6887

■ 62.7580, -2.8387,
23.8912

■ 0.0000, 0.0000,
0.0000

■ 86.6550, -3.2809,
25.7356

■ 111.2530, -3.5757,
26.9651

■ 136.8510, -3.8705,
28.1947

■ 163.4490, -4.1654,
29.4242

■ 190.7480, -4.3128,

30.0390

■ 218.9330, -4.8970,
30.7538

■ 17.9750, -1.9597,
21.9469

■ 17.9750, -1.9597,
21.9469

■ 15.2850, -2.1125,
24.3061

■ 20.6650, -1.8068,
19.5878

■ 13.8830, -2.4073,
25.5356

■ 24.0560, -1.5066,
16.6139

■ 26.7460, -1.3538,
14.2548

■ 29.4360, -1.2009,
11.8956

■ 32.8270, -0.9007,
8.9217

■ 35.5170, -0.7479,
6.5626

■ 38.3210, -0.1583,
4.1035

■ 41.0110, -0.0054,
1.7444

■ 44.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



19.3640, 4.7505, 16.3438



17.9750, -1.9597, 21.9469



17.5420, -8.6482, 20.5727

Triad

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



17.9750, -1.9597, 21.9469



14.9740, -7.3822, -12.2552



19.1040, 12.2737, -16.7542

Complementary

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



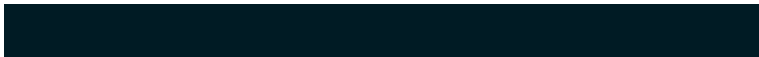
17.9750, -1.9597, 21.9469



31.0250, 1.9597, -21.9469

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.



19.9530, 7.9112, -17.4988



17.9750, -1.9597, 21.9469



16.5330, -5.1928, -14.4994

Square

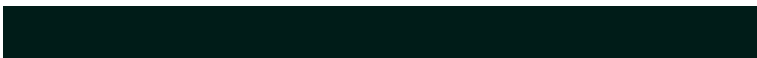
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.9750, -1.9597, 21.9469



18.6060, -9.1728, 2.0995



19.1720, 2.3802, -16.8138



16.8810, 13.8627, -13.0506

Rectangle

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



17.9750, -1.9597, 21.9469



18.3950, -9.0687, 15.4396



19.1720, 2.3802, -16.8138



19.4630, 11.1107, -17.0691

Sweetspot

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



17.9750, -1.9597, 21.9469



46.5280, -0.7533, 8.3069



18.8890, 11.8867, 14.1293



21.9190, -0.4531, 5.3330



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



17.9750, -1.9597, 21.9469



18.1120, -3.0132, 33.2278



22.9330, -8.3480, 17.5988



18.7120, 0.1420, 1.1296



27.1680, -4.5198, 49.8417



68.6320, -11.1576, 125.7337

Inverse Universe

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



17.9750, -1.9597, 21.9469



18.1120, -3.0132, 33.2278



26.0670, 8.3480, -17.5988



18.7120, 0.1420, 1.1296



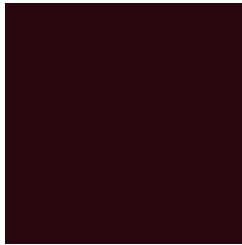
27.1680, -4.5198, 49.8417



68.6320, -11.1576, 125.7337

Previews

White Background



This preview shows how the YUV color 17.9750, -1.9597, 21.9469 looks on a white background.

Color Contrast Check

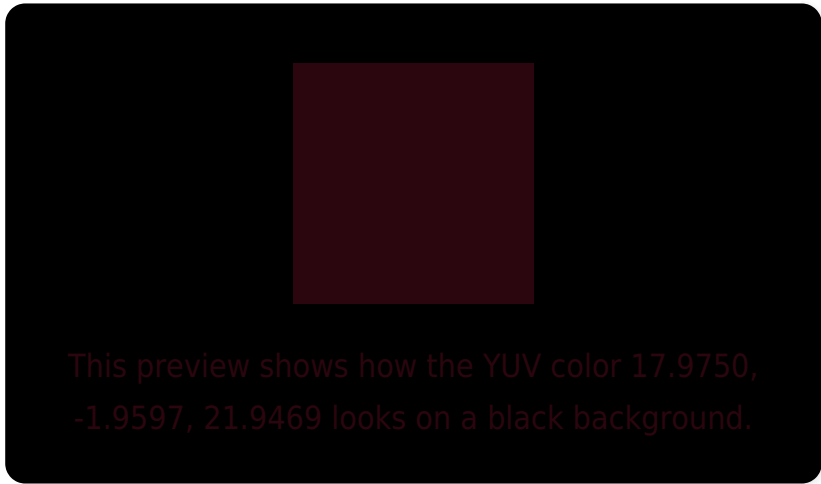
Large Text (above 18pt) WCAG AA ✓ Pass

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

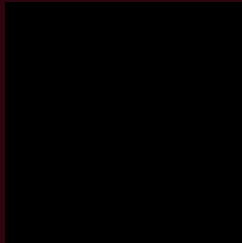
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.9750, -1.9597, 21.9469

Background



This preview shows how black text looks on a background with the YUV color 17.9750, -1.9597, 21.9469.

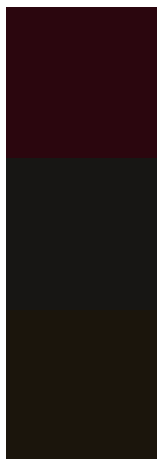


This preview shows how white text looks on a background with the YUV color 17.9750, -1.9597,

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

17.9750, -1.9597, 21.9469

Protanopia

22.0710, -1.0210, 0.8147

Deuteranopia

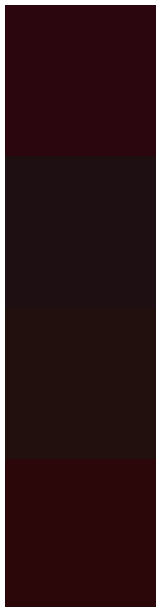
21.7680, -4.8156, 4.5885



Tritanopia

18.3510, -5.5960, 21.6172

Trichromacy



Original Color

17.9750, -1.9597, 21.9469

Protanomaly

20.4140, -1.1901, 8.4069

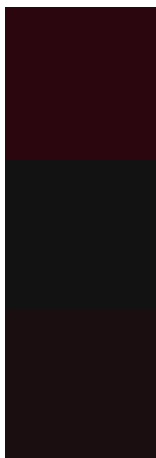
Deuteranomaly

20.7410, -3.8163, 10.7511

Tritanomaly

18.1060, -3.9963, 21.8320

Monochromacy



Original Color

17.9750, -1.9597, 21.9469

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

18.2290, -0.6059, 7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.9750, -1.9597, 21.9469 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(43, 6, 14)` looks like.

```
.text, #text, p{  
  color:rgb(43, 6, 14)  
}
```

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(43, 6, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 6, 14) }
```

Border

The CSS property to change the border of an element to YUV 17.9750, -1.9597, 21.9469 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(43, 6, 14) }
```


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

```
.border{ border-color:rgb(43, 6, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 6, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 6, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 6, 14); box-shadow:4px  
4px 4px 4px rgb(43, 6, 14) }
```

Background

The CSS property to change the background color of an element to YUV 17.9750, -1.9597, 21.9469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 6, 14) }
```

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

```
.background{ background-color: rgb(43, 6,  
14) }
```

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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