

Converting Colors

YUV(21.9060, 5.9623, 0.9594)

Have a look what the booklet for
YUV(21.9060, 5.9623, 0.9594)
contains.

YUV(21.9060, 5.9623, 0.9594)	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(21.9060, 5.9623,
0.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	171322
RGB	23, 19, 34
RGB Percent	9%, 7%, 13%
CMY	0.9098, 0.9255, 0.8667
CMYK	0.32, 0.44, 0.00, 0.87
HSL	256°, 28%, 10%
HSV	256°, 44%, 13%
XYZ	0.8750, 0.7634, 1.6146
YIQ	21.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

Format	Color
RYB	23, 19, 34
Decimal	1512226
CIELab	6.90, 6.10, -9.66
CIELCh	7, 11.426, 302.276
Yxy	0.7634, 0.2690, 0.2347
Android (android.graphics.Color)	4279702306 (0xFF171322)
YUV	21.9060, 5.9623, 0.9594
Hunter-Lab	8.7373, 2.5849, -4.8405

Details

The YUV color **21.9060, 5.9623, 0.9594** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **31.0940, -5.9623, -0.9594**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.4330, 6.6885, 1.3743**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.5470, 7.1253, 1.2743**, and if you desaturate by 10%, it is **24.2650, 4.7994, 0.6446**.

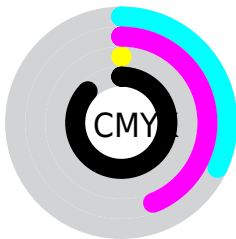
Distribution



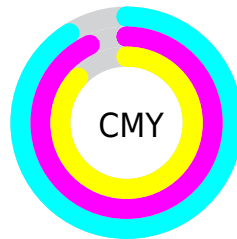
- Red (9%)
- Green (7%)
- Blue (13%)



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



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (87%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 21.9060, 5.9623, 0.9594 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 21.9060, 5.9623, 0.9594 by changing the saturation by 10% instead.

■ 21.9060, 5.9623,
0.9594

■ 21.9060, 5.9623,
0.9594

■ 246.4610, 4.2097,
3.1037

■ 1.1400, 4.3680,
-0.9998

■ 64.4330, 6.6885,
1.3743

■ 0.0000, 0.0000,
0.0000

■ 87.5470, 7.1253,
1.2743

■ 111.9600, 7.4147,
1.7891

■ 137.6610, 7.5621,
1.1743

■ 164.0740, 7.8515,
1.6891

■ 191.1880, 8.2883,

1.5891

■ 219.1880, 8.2883,
1.5891

■ 21.9060, 5.9623,
0.9594

■ 21.9060, 5.9623,
0.9594

■ 19.5470, 7.1253,
1.2743

■ 24.2650, 4.7994,
0.6446

■ 16.3020, 8.7251,
1.4891

■ 27.5100, 3.1996,
0.4297

■ 13.9430, 9.8881,
1.8040

■ 29.8690, 2.0366,
0.1149

■ 10.6980, 11.4879,
2.0189

■ 33.1140, 0.4368,
-0.1000

■ 8.3390, 12.6509,
2.3337

■ 35.4730, -0.7262,
-0.4148

■ 6.5670, 13.5245,
2.1337

■ 38.1310, -2.0366,
-0.1149

■ 41.0770, -3.4890,
-0.9445

■ 43.7350, -4.7994,
-0.6446

■ 46.6810, -6.2517,
-1.4742

Harmonies

Analogous

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



20.3070, 7.7366, -8.1622



21.9060, 5.9623, 0.9594



21.8530, 3.0305, 8.0219

Triad

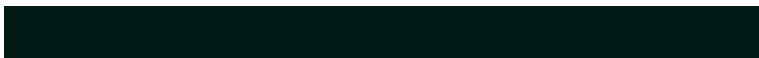
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9060, 5.9623, 0.9594



20.5470, -9.6367, 10.9213



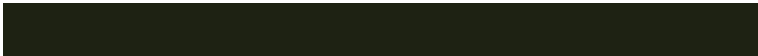
17.7700, 2.0854, -15.5843

Complementary

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



21.9060, 5.9623, 0.9594



31.0940, -5.9623, -0.9594

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.



17.5380, -2.7302, -10.9958



21.9060, 5.9623, 0.9594



20.4000, -10.0572, 5.7882

Square

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



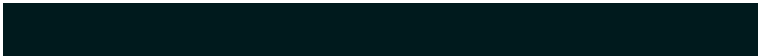
21.9060, 5.9623, 0.9594



21.4100, -5.1321, 12.7954



18.9970, -8.8725, -0.8744



18.5680, 5.1430, -16.2841

Rectangle

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



21.9060, 5.9623, 0.9594



21.7070, 1.1304, 10.7810



18.9970, -8.8725, -0.8744



17.4280, 0.7750, -15.2844

Sweetspot

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



21.9060, 5.9623, 0.9594



38.8690, 2.0366, 0.1149



27.1670, 3.3687, -7.1625



19.7550, 1.5998, 0.2149



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.



21.9060, 5.9623, 0.9594



24.7150, 9.0145, 2.0039



23.9990, 4.9305, 5.2629



16.5270, 0.7262, 0.4148



15.9260, 32.5745, 5.3269



40.5700, 83.0360, 13.5321

Inverse Universe

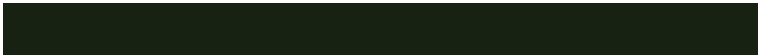
The Inverse Universe completely reimagines the original color for something new.



24.7390, 2.5937, 8.1219



28.8150, 4.0352, 12.4402



29.0010, -4.9305, -5.2629



16.7120, 0.1420, 1.1296



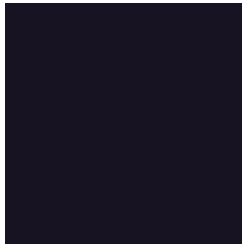
31.3580, 14.1205, 44.4130



79.9330, 36.0220, 113.1918

Previews

White Background



This preview shows how the YUV color 21.9060, 5.9623, 0.9594 looks on a white background.

Color Contrast Check

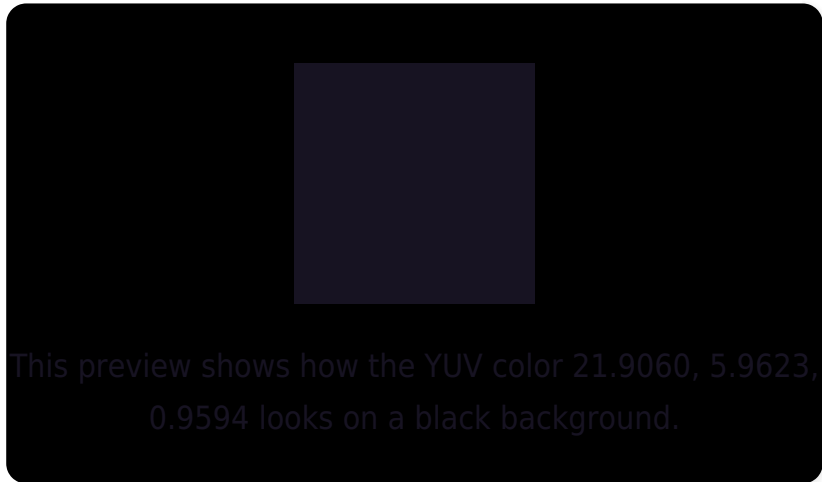
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9060, 5.9623, 0.9594

Background



This preview shows how black text looks on a background with the YUV color 21.9060, 5.9623, 0.9594.



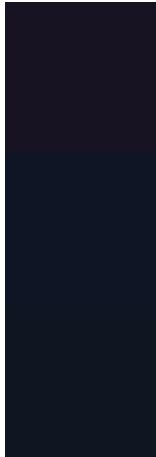
This preview shows how white text looks on a background with the YUV color 21.9060, 5.9623,

0.9594.

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

21.9060, 5.9623, 0.9594

Protanopia

20.9160, 7.4364, -5.1883

Deuteranopia

20.5740, 6.1260, -4.8884



Tritanopia

21.2280, 0.8736, -0.2000

Trichromacy



Original Color

21.9060, 5.9623, 0.9594

Protanomaly

21.1120, 6.8468, -2.7292

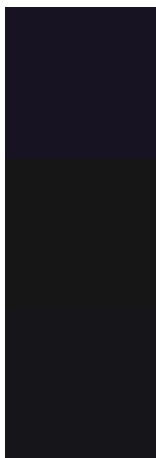
Deuteranomaly

20.8840, 5.9732, -2.5293

Tritanomaly

21.3960, 2.7628, 0.5297

Monochromacy



Original Color

21.9060, 5.9623, 0.9594

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.9060, 5.9623, 0.9594 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(23, 19, 34)` looks like.

```
.text, #text, p{  
    color:rgb(23, 19, 34)  
}
```

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(23, 19, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 19, 34) }
```

Border

The CSS property to change the border of an element to YUV 21.9060, 5.9623, 0.9594 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(23, 19, 34) }
```


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

```
.border{ border-color:rgb(23, 19, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 19, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 19, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 19, 34);  
box-shadow:4px 4px 4px 4px rgb(23, 19, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.9060, 5.9623, 0.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 19, 34) }
```

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

```
.background{ background-color: rgb(23, 19,  
34) }
```

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