

Converting Colors

YUV(8.9420, -1.9434, 16.7139)

Have a look what the booklet for
YUV(8.9420, -1.9434, 16.7139)
contains.

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Color

**YUV(8.9420, -1.9434,
16.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	1C0005
RGB	28, 0, 5
RGB Percent	11%, 0%, 2%
CMY	0.8902, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.82, 0.89
HSL	349°, 100%, 5%
HSV	349°, 100%, 11%
XYZ	0.5063, 0.2578, 0.1667
YIQ	8.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

Format	Color
R _Y B	28, 0, 5
Decimal	1835013
CIE Lab	2.33, 10.70, 1.63
CIE LCh	2, 10.824, 8.670
Yxy	0.2578, 0.5439, 0.2770
Android (android.graphics.Color)	4280025093 (0xFF1C0005)
YUV	8.9420, -1.9434, 16.7139
Hunter-Lab	5.0777, 8.9116, 1.6084

Details

The YUV color **8.9420, -1.9434, 16.7139** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.0580, 1.9434, -16.7139**, and the grayscale version is **9.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **54.9200, -1.9326, 13.2252**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **8.9420, -1.9434, 16.7139**, and if you desaturate by 10%, it is **10.9310, -1.9380, 14.9695**.

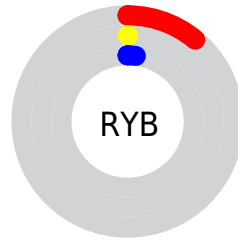
Distribution



Red (11%)

Green (0%)

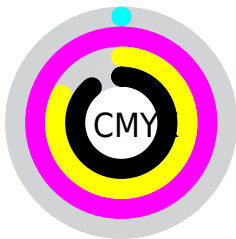
Blue (2%)



Red (11%)

Yellow (0%)

Blue (2%)

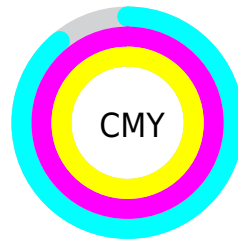


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (89%)



Cyan (89%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 8.9420, -1.9434, 16.7139 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 8.9420, -1.9434, 16.7139 by changing the saturation by 10% instead.

■ 8.9420, -1.9434,
16.7139

■ 8.9420, -1.9434,
16.7139

■ 235.1270, -2.5276,
17.4286

■ 0.0000, 0.0000,
0.0000

■ 54.9200, -1.9326,
13.2252

■ 77.6320, -1.7906,
14.3547

■ 101.6320, -1.7906,
14.3547

■ 126.2300, -2.0854,
15.5843

■ 152.5290, -2.2328,
16.1991

■ 179.5290, -2.2328,

16.1991

■ 206.8280, -2.3802,
16.8138

■ 8.9420, -1.9434,
16.7139

■ 10.9310, -1.9380,
14.9695

■ 13.0340, -1.4958,
13.1252

■ 14.4360, -1.2009,
11.8956

■ 16.4250, -1.1955,
10.1513

■ 18.5280, -0.7533,
8.3069

■ 20.5170, -0.7479,
6.5626

■ 22.5060, -0.7425,
4.8182

■ 23.9080, -0.4476,
3.5887

■ 26.0110, -0.0054,
1.7444

Harmonies

Analogous

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



9.7010, 3.5984, 12.5402



8.9420, -1.9434, 16.7139



9.2470, -4.5588, 15.5694

Triad

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



8.9420, -1.9434, 16.7139



7.6310, -3.7621, -6.6924



9.8940, 7.4473, -8.6770

Complementary

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



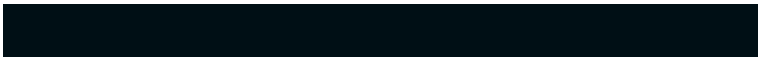
8.9420, -1.9434, 16.7139



19.0580, 1.9434, -16.7139

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.



11.1990, 4.8319, -9.8215



8.9420, -1.9434, 16.7139



8.8050, -4.3409, -7.7220

Square

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



8.9420, -1.9434, 16.7139



7.9740, -3.9312, 0.8998



10.7600, 0.6113, -9.4365



7.6600, 9.0416, -6.7178

Rectangle

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



8.9420, -1.9434, 16.7139



9.2250, -4.5479, 12.0807



10.7600, 0.6113, -9.4365



10.3670, 6.7211, -9.0919

Sweetspot

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



8.9420, -1.9434, 16.7139



28.5170, -0.7479, 6.5626



10.0690, 8.8400, 11.3405



13.3210, -0.1583, 4.1035



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.



8.9420, -1.9434, 16.7139



11.4480, -2.6859, 21.5321



13.6550, -6.7319, 12.5806



11.7120, 0.1420, 1.1296



24.6190, -5.2352, 45.9381



65.1000, -14.3463, 121.8153

Inverse Universe

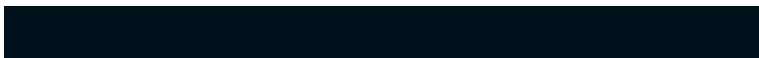
The Inverse Universe completely reimagines the original color for something new.



8.9420, -1.9434, 16.7139



11.4480, -2.6859, 21.5321



14.3450, 6.7319, -12.5806



11.7120, 0.1420, 1.1296



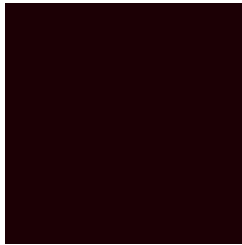
24.6190, -5.2352, 45.9381



65.1000, -14.3463, 121.8153

Previews

White Background



This preview shows how the YUV color 8.9420, -1.9434, 16.7139 looks on a white background.

Color Contrast Check

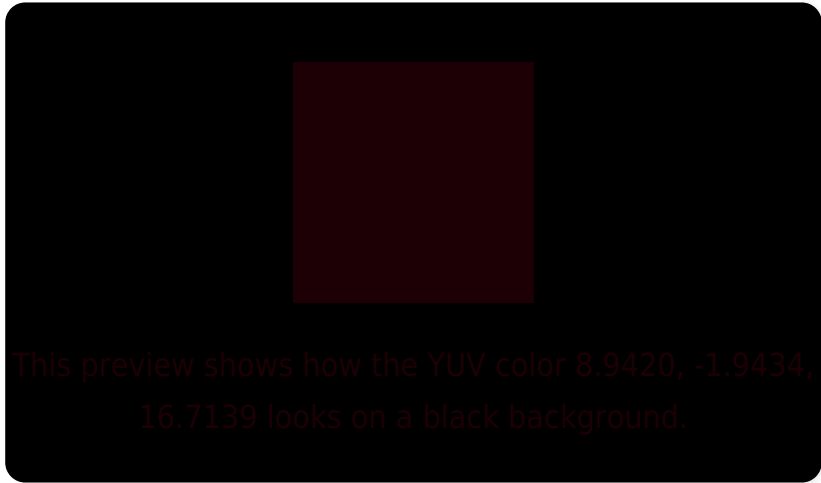
Large Text (above 18pt) WCAG AA ✓ Pass

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

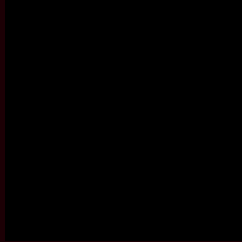
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 8.9420, -1.9434, 16.7139

Background



This preview shows how black text looks on a background with the YUV color 8.9420, -1.9434, 16.7139.

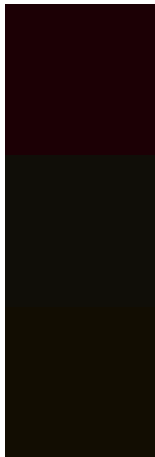


This preview shows how white text looks on a background with the YUV color 8.9420, -1.9434,

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

8.9420, -1.9434, 16.7139

Protanopia

13.9140, -2.9156, 1.8294

Deuteranopia

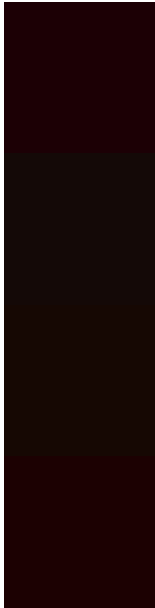
13.2410, -5.5418, 4.1736



Tritanopia

9.5460, -4.7062, 16.1842

Trichromacy



Original Color

8.9420, -1.9434, 16.7139

Protanomaly

12.0610, -2.4951, 6.9625

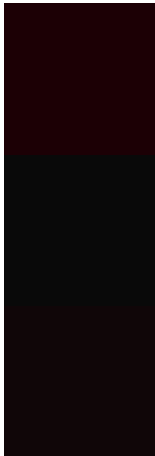
Deuteranomaly

11.6160, -4.2477, 9.1068

Tritanomaly

9.1870, -3.5432, 16.4990

Monochromacy



Original Color

8.9420, -1.9434, 16.7139

Achromatopsia

9.0000, 0.0000, 0.0000

Achromatomaly

9.2180, -0.6005, 5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 8.9420, -1.9434, 16.7139 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(28, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(28, 0, 5)  
}
```

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(28, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 0, 5) }
```

Border

The CSS property to change the border of an element to YUV 8.9420, -1.9434, 16.7139 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(28, 0, 5) }
```


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

```
.border{ border-color:rgb(28, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 0, 5); box-shadow:4px  
4px 4px 4px rgb(28, 0, 5) }
```

Background

The CSS property to change the background color of an element to YUV 8.9420, -1.9434, 16.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 0, 5) }
```

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

```
.background{ background-color: rgb(28, 0,  
5) }
```

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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