

Converting Colors

YUV(29.9420, -1.9434, 16.7139)

Have a look what the booklet for
YUV(29.9420, -1.9434, 16.7139)
contains.

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Color

**YUV(29.9420, -1.9434,
16.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	31151A
RGB	49, 21, 26
RGB Percent	19%, 8%, 10%
CMY	0.8078, 0.9176, 0.8980
CMYK	0.00, 0.57, 0.47, 0.81
HSL	349°, 40%, 14%
HSV	349°, 57%, 19%
XYZ	1.7212, 1.2639, 1.1305
YIQ	29.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

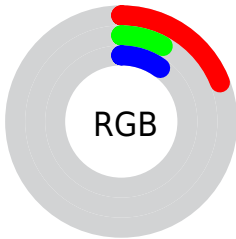
Format	Color
RYB	49, 21, 26
Decimal	3216666
CIELab	11.02, 14.83, 2.96
CIELCh	11, 15.126, 11.267
Yxy	1.2639, 0.4182, 0.3071
Android (android.graphics.Color)	4281406746 (0xFF31151A)
YUV	29.9420, -1.9434, 16.7139
Hunter-Lab	11.2422, 7.6553, 1.9074




Details

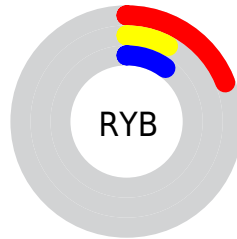
The YUV color **29.9420, -1.9434, 16.7139** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.0580, 1.9434, -16.7139**, and the grayscale version is **30.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **74.4370, -2.6804, 19.7878**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.5510, -2.2436, 19.6878**, and if you desaturate by 10%, it is **33.3330, -1.6432, 13.7400**.

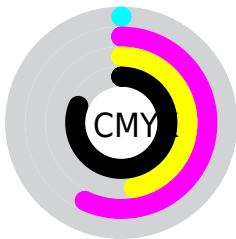
Distribution







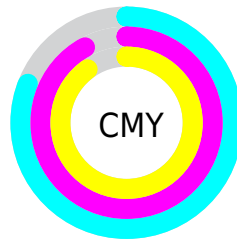
-  Red (19%)
-  Green (8%)
-  Blue (10%)






-  Red (19%)
-  Yellow (8%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (47%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (92%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9420, -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 29.9420, -1.9434, 16.7139 by changing the saturation by 10% instead.

■ 29.9420, -1.9434,
16.7139

■ 29.9420, -1.9434,
16.7139

■ 250.6630, 1.1521,
3.8035

■ 9.2690, -4.5696,
19.0581

■ 74.4370, -2.6804,
19.7878

■ 0.0000, 0.0000,
0.0000

■ 98.6220, -3.2646,
20.5025

■ 123.3340, -3.1227,
21.6321

■ 149.6330, -3.2701,
22.2469

■ 176.2310, -3.5649,
23.4764

■ 204.1170, -4.0017,

23.5764

■ 230.3340, -3.1227,
21.6321

■ 29.9420, -1.9434,
16.7139

■ 29.9420, -1.9434,
16.7139

■ 26.5510, -2.2436,
19.6878

■ 33.3330, -1.6432,
13.7400

■ 23.1600, -2.5439,
22.6617

■ 36.7240, -1.3429,
10.7661

■ 19.7690, -2.8441,
25.6356

■ 40.1150, -1.0427,
7.7921

■ 16.3780, -3.1444,
28.6095

■ 43.5060, -0.7425,
4.8182

■ 15.6770, -3.2918,
29.2243

■ 46.8970, -0.4422,
1.8443

■ 49.7010, 0.1474,
-0.6148

■ 53.0920, 0.4476,
-3.5887

■ 56.4830, 0.7479,
-6.5626

■ 59.8740, 1.0481,
-9.5365

Harmonies

Analogous

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



30.4730, 2.7248, 12.7402



29.9420, -1.9434, 16.7139



29.2640, -7.0322, 15.5545

Triad

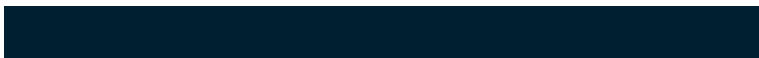
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.9420, -1.9434, 16.7139



27.0180, -7.4039, -5.2778



24.3700, 12.1426, -21.3725

Complementary

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



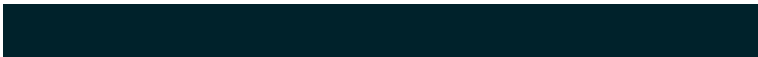
29.9420, -1.9434, 16.7139



40.0580, 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.



24.8600, 8.9430, -21.8022



29.9420, -1.9434, 16.7139



24.3740, -0.6774, -16.1140

Square

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



29.9420, -1.9434, 16.7139



27.9330, -11.7990, 4.4438



24.3070, 4.2856, -21.3172



28.7030, 10.4994, -7.6325

Rectangle

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



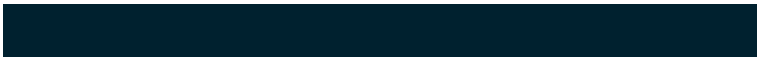
29.9420, -1.9434, 16.7139



28.7430, -10.2263, 13.3804



24.3070, 4.2856, -21.3172



24.7290, 10.9796, -21.6873

Sweetspot

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



29.9420, -1.9434, 16.7139



56.5170, -0.7479, 6.5626



31.0690, 8.8400, 11.3405



28.9080, -0.4476, 3.5887



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



29.9420, -1.9434, 16.7139



34.0680, -2.9915, 26.2504



34.6550, -6.7319, 12.5806



23.8970, -0.4422, 1.8443



28.4350, -6.1305, 53.1155



69.3290, -14.9522, 129.5075

Inverse Universe

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



29.9420, -1.9434, 16.7139



34.0680, -2.9915, 26.2504



35.3450, 6.7319, -12.5806



23.8970, -0.4422, 1.8443



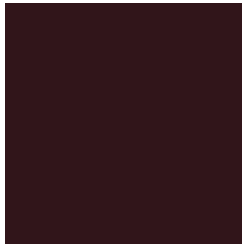
28.4350, -6.1305, 53.1155



69.3290, -14.9522, 129.5075

Previews

White Background



This preview shows how the YUV color 29.9420, -1.9434, 16.7139 looks on a white background.

Color Contrast Check

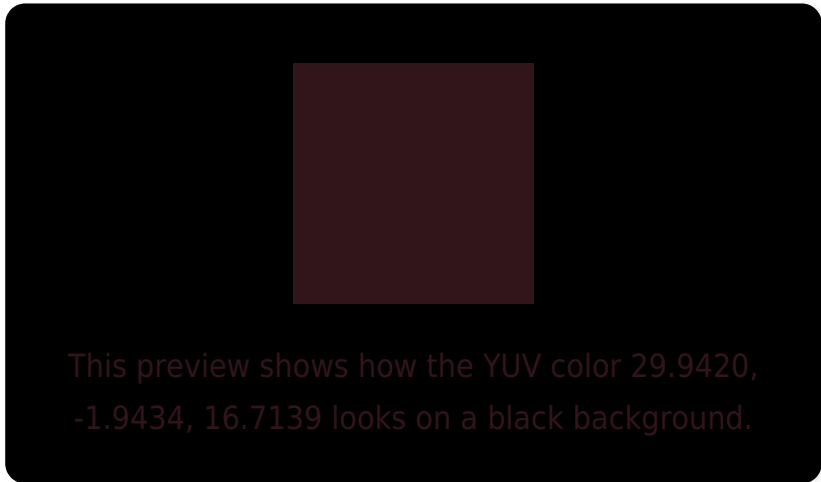
Large Text (above 18pt) WCAG AA ✓ Pass

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

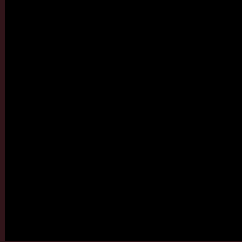
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9420, -1.9434, 16.7139

Background



This preview shows how black text looks on a background with the YUV color 29.9420, -1.9434, 16.7139.

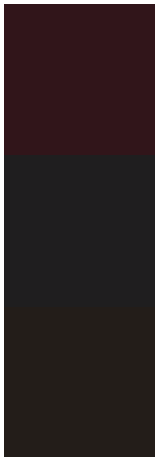


This preview shows how white text looks on a background with the YUV color 29.9420, -1.9434,

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

29.9420, -1.9434, 16.7139

Protanopia

30.4130, 0.2894, 0.5148

Deuteranopia

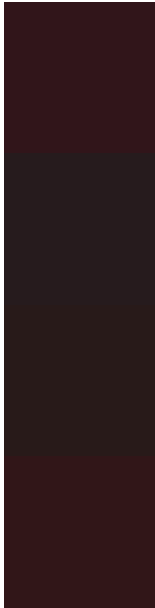
30.3380, -2.6316, 4.0886



Tritanopia

30.1870, -3.5432, 16.4990

Trichromacy



Original Color

29.9420, -1.9434, 16.7139

Protanomaly

30.5170, -0.7479, 6.5626

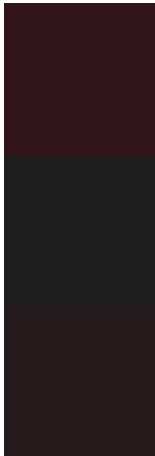
Deuteranomaly

30.0720, -2.5005, 8.7069

Tritanomaly

30.3010, -3.1064, 16.3990

Monochromacy



Original Color

29.9420, -1.9434, 16.7139

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.2180, -0.6005, 5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9420, -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(49, 21, 26)` looks like.

```
.text, #text, p{  
    color:rgb(49, 21, 26)  
}
```

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(49, 21, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 21, 26) }
```

Border

The CSS property to change the border of an element to YUV 29.9420, -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(49, 21, 26) }
```


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

```
.border{ border-color:rgb(49, 21, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 21, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 21, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 21, 26);  
box-shadow:4px 4px 4px 4px rgb(49, 21, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.9420, -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(49, 21, 26) }
```

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

```
.background{ background-color: rgb(49, 21,  
26) }
```

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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