

Converting Colors

YUV(31.9300, -0.4585, 7.0774)

Have a look what the booklet for
YUV(31.9300, -0.4585, 7.0774)
contains.

YUV(31.9300, -0.4585, 7.0774)	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(31.9300, -0.4585,
7.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	281C1F
RGB	40, 28, 31
RGB Percent	16%, 11%, 12%
CMY	0.8431, 0.8902, 0.8784
CMYK	0.00, 0.30, 0.22, 0.84
HSL	345°, 18%, 13%
HSV	345°, 30%, 16%
XYZ	1.5376, 1.3806, 1.4818
YIQ	31.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

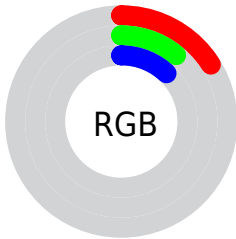
Format	Color
RYB	40, 28, 31
Decimal	2628639
CIELab	11.83, 6.51, 0.23
CIELCh	12, 6.515, 2.016
Yxy	1.3806, 0.3495, 0.3138
Android (android.graphics.Color)	4280818719 (0xFF281C1F)
YUV	31.9300, -0.4585, 7.0774
Hunter-Lab	11.7497, 2.7978, 0.7477

Details

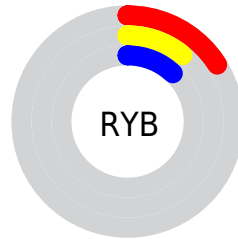
The YUV color **31.9300, -0.4585, 7.0774** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.0700, 0.4585, -7.0774**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6420, -0.3165, 8.2070**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2400, -0.6113, 9.4365**, and if you desaturate by 10%, it is **34.6200, -0.3057, 4.7183**.

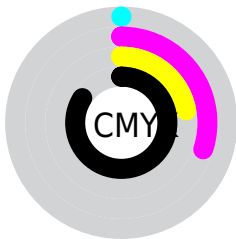
Distribution



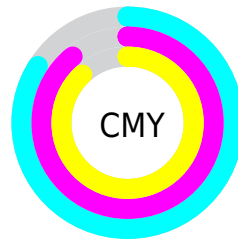
- Red (16%)
- Green (11%)
- Blue (12%)



- Red (16%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9300, -0.4585, 7.0774 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 31.9300, -0.4585, 7.0774 by changing the saturation by 10% instead.

■ 31.9300, -0.4585,
7.0774

■ 31.9300, -0.4585,
7.0774

■ 255.0000, 0.0000,
0.0000

■ 8.1370, -1.0535,
11.2809

■ 75.6420, -0.3165,
8.2070

■ 0.0000, 0.0000,
0.0000

■ 99.8270, -0.9007,
8.9217

■ 124.8270, -0.9007,
8.9217

■ 150.8270, -0.9007,
8.9217

■ 177.2400, -0.6113,
9.4365

■ 204.5390, -0.7587,

10.0513

■ 232.8380, -0.9061,
10.6661

■ 31.9300, -0.4585,
7.0774

■ 31.9300, -0.4585,
7.0774

■ 29.2400, -0.6113,
9.4365

■ 34.6200, -0.3057,
4.7183

■ 26.5500, -0.7641,
11.7957

■ 37.3100, -0.1528,
2.3591

■ 23.8600, -0.9170,
14.1548

■ 40.0000, 0.0000,
0.0000

■ 21.1700, -1.0698,
16.5139

■ 42.6900, 0.1528,
-2.3591

■ 18.4800, -1.2226,
18.8730

■ 45.3800, 0.3057,
-4.7183

■ 15.7900, -1.3755,
21.2322

■ 48.0700, 0.4585,
-7.0774

■ 13.1000, -1.5283,
23.5913

■ 50.7600, 0.6113,
-9.4365

■ 53.4500, 0.7641,
-11.7957

■ 56.1400, 0.9170,
-14.1548

Harmonies

Analogous

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



32.0760, 1.4415, 4.3183



31.9300, -0.4585, 7.0774



31.4740, -2.2057, 7.4773

Triad

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



31.9300, -0.4585, 7.0774



30.1910, -3.0522, -1.0445



30.0960, 4.3897, -7.9772

Complementary

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



31.9300, -0.4585, 7.0774



36.0700, 0.4585, -7.0774

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.



29.7430, 3.0847, -9.4216



31.9300, -0.4585, 7.0774



29.6250, -1.2941, -4.9331

Square

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



31.9300, -0.4585, 7.0774



30.8710, -4.3734, 2.7441



29.4720, 0.7533, -8.3069



30.5310, 4.6682, -3.9737

Rectangle

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



31.9300, -0.4585, 7.0774



31.4200, -3.6581, 6.6477



29.4720, 0.7533, -8.3069



29.6830, 4.1003, -8.4920

Sweetspot

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



31.9300, -0.4585, 7.0774



47.7230, 0.1366, 2.8739



32.0590, 3.9149, 4.3333



23.8970, -0.4422, 1.8443



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



31.9300, -0.4585, 7.0774



38.8380, -0.9061, 10.6661



33.3490, -2.6371, 5.8329



18.7120, 0.1420, 1.1296



27.5100, -3.2094, 49.5417



69.4300, -8.1000, 125.0339

Inverse Universe

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



31.9300, -0.4585, 7.0774



38.8380, -0.9061, 10.6661



34.6510, 2.6371, -5.8329



18.7120, 0.1420, 1.1296



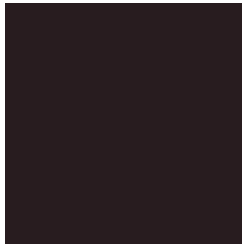
27.5100, -3.2094, 49.5417



69.4300, -8.1000, 125.0339

Previews

White Background



This preview shows how the YUV color 31.9300, -0.4585, 7.0774 looks on a white background.

Color Contrast Check

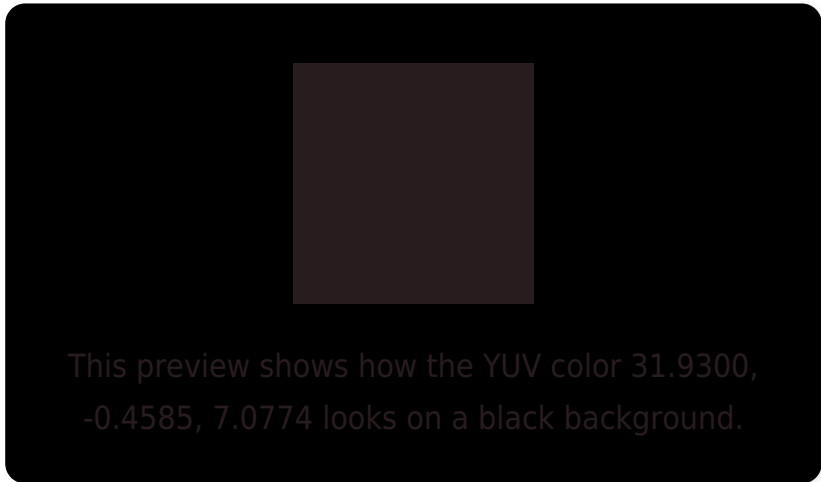
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9300, -0.4585, 7.0774

Background



This preview shows how black text looks on a background with the YUV color 31.9300, -0.4585, 7.0774.

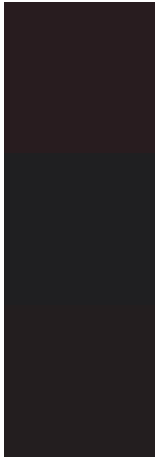


This preview shows how white text looks on a background with the YUV color 31.9300, -0.4585,

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

31.9300, -0.4585, 7.0774

Protanopia

31.2280, 0.8736, -0.2000

Deuteranopia

31.6090, -0.3002, 2.9739



Tritanopia

31.8160, -0.8953, 7.1774

Trichromacy



Original Color

31.9300, -0.4585, 7.0774

Protanomaly

31.4240, 0.2840, 2.2592

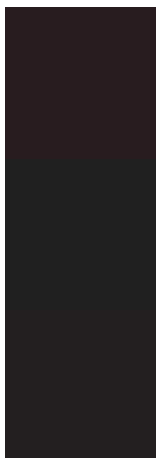
Deuteranomaly

31.6200, -0.3057, 4.7183

Tritanomaly

31.8160, -0.8953, 7.1774

Monochromacy



Original Color

31.9300, -0.4585, 7.0774

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9300, -0.4585, 7.0774 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(40, 28, 31)` looks like.

```
.text, #text, p{  
    color:rgb(40, 28, 31)  
}
```

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(40, 28, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 28, 31) }
```

Border

The CSS property to change the border of an element to YUV 31.9300, -0.4585, 7.0774 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(40, 28, 31) }
```


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

```
.border{ border-color:rgb(40, 28, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 28, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 28, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 28, 31);  
box-shadow:4px 4px 4px 4px rgb(40, 28, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.9300, -0.4585, 7.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 28, 31) }
```

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

```
.background{ background-color: rgb(40, 28,  
31) }
```

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