

Converting Colors

YUV(31.8040, 0.5896, -2.4591)

Have a look what the booklet for
YUV(31.8040, 0.5896, -2.4591)
contains.

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Color

**YUV(31.8040, 0.5896,
-2.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2121
RGB	29, 33, 33
RGB Percent	11%, 13%, 13%
CMY	0.8863, 0.8706, 0.8706
CMYK	0.12, 0.00, 0.00, 0.87
HSL	180°, 6%, 12%
HSV	180°, 12%, 13%
XYZ	1.3251, 1.4587, 1.6506
YIQ	31.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

Format	Color
RYB	29, 31, 33
Decimal	1909025
CIELab	12.34, -1.83, -0.63
CIElCh	12, 1.937, 198.996
Yxy	1.4587, 0.2988, 0.3290
Android (android.graphics.Color)	4280099105 (0xFF1D2121)
YUV	31.8040, 0.5896, -2.4591
Hunter-Lab	12.0778, -1.5527, 0.3518

Details

The YUV color **31.8040, 0.5896, -2.4591** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.1960, -0.5896, 2.4591**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5050, 0.7370, -3.0739**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.9070, 1.0318, -4.3034**, and if you desaturate by 10%, it is **32.7010, 0.1474, -0.6148**.

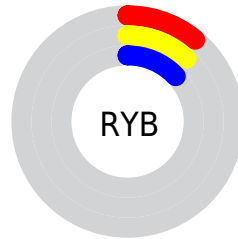
Distribution



Red (11%)

Green (13%)

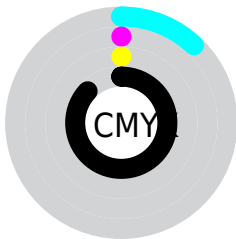
Blue (13%)



Red (11%)

Yellow (12%)

Blue (13%)

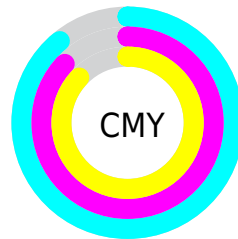


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (87%)



Cyan (89%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.8040, 0.5896, -2.4591 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 31.8040, 0.5896, -2.4591 by changing the saturation by 10% instead.

■ 31.8040, 0.5896,
-2.4591

■ 31.8040, 0.5896,
-2.4591

255.0000, 0.0000,
0.0000

■ 7.9070, 1.0318,
-4.3034

■ 75.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 99.5050, 0.7370,
-3.0739

■ 124.5050, 0.7370,
-3.0739

■ 150.5050, 0.7370,
-3.0739

■ 176.5050, 0.7370,
-3.0739

■ 204.5050, 0.7370,

-3.0739

■ 232.5050, 0.7370,
-3.0739

■ 31.8040, 0.5896,
-2.4591

■ 31.8040, 0.5896,
-2.4591

■ 30.9070, 1.0318,
-4.3034

■ 32.7010, 0.1474,
-0.6148

■ 29.7110, 1.6215,
-6.7625

■ 33.8970, -0.4422,
1.8443

■ 28.8140, 2.0637,
-8.6069

■ 34.7940, -0.8844,
3.6887

■ 27.9170, 2.5059,
-10.4512

■ 35.6910, -1.3267,
5.5330

■ 26.7210, 3.0955,
-12.9103

■ 36.8870, -1.9163,
7.9921

■ 25.8240, 3.5378,
-14.7546

■ 37.7840, -2.3585,
9.8364

■ 24.9270, 3.9800,
-16.5990

■ 38.6810, -2.8007,
11.6808

■ 24.0300, 4.4222,
-18.4433

■ 39.5780, -3.2430,
13.5251

■ 23.1330, 4.8644,
-20.2876

■ 40.7740, -3.8326,
15.9842

Harmonies

Analogous

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



31.9890, 0.0054, -1.7444



31.8040, 0.5896, -2.4591



31.9180, 1.0264, -2.5591

Triad

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



31.8040, 0.5896, -2.4591



32.5270, 0.7262, 0.4148



32.3700, -1.1684, 1.4295

Complementary

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



31.8040, 0.5896, -2.4591



30.1960, -0.5896, 2.4591

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.



32.6690, -1.3158, 2.0443



31.8040, 0.5896, -2.4591



32.4240, 0.2840, 2.2592

Square

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



31.8040, 0.5896, -2.4591



32.3420, 1.3104, -0.2999



32.1960, -0.5896, 2.4591



31.7720, -0.8736, 0.2000

Rectangle

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



31.8040, 0.5896, -2.4591



32.3310, 1.3158, -2.0443



32.1960, -0.5896, 2.4591



32.3700, -1.1684, 1.4295

Sweetspot

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



31.8040, 0.5896, -2.4591



42.7010, 0.1474, -0.6148



31.3480, -1.1576, -2.0592



22.7010, 0.1474, -0.6148



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.



31.8040, 0.5896, -2.4591



41.2060, 0.8844, -3.6887



30.6300, 1.1684, -1.4295



14.7010, 0.1474, -0.6148



55.3790, 11.6452, -48.5674



145.1070, 30.5132, -127.2588

Inverse Universe

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



30.6520, 1.1576, 2.0592



39.4780, 1.7363, 3.0888



31.3700, -1.1684, 1.4295



14.4130, 0.2894, 0.5148



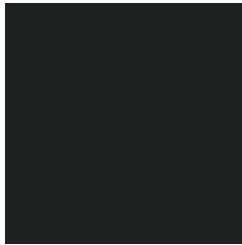
32.6270, 22.8619, 40.6691



85.4910, 59.9039, 106.5634

Previews

White Background



This preview shows how the YUV color 31.8040, 0.5896, -2.4591 looks on a white background.

Color Contrast Check

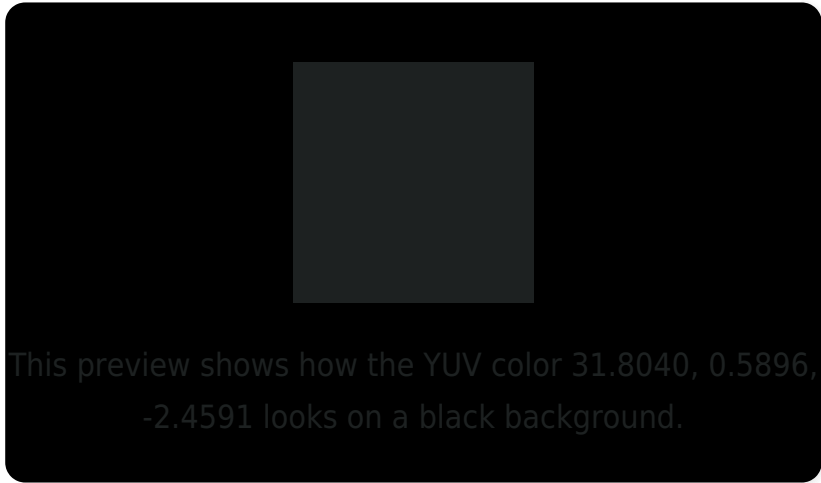
Large Text (above 18pt) WCAG AA ✓ Pass

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

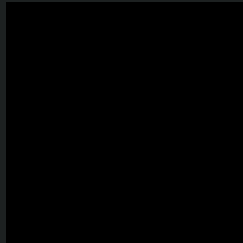
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

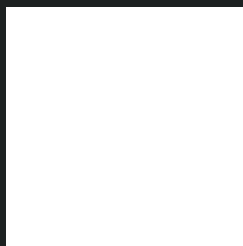
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.8040, 0.5896, -2.4591

Background



This preview shows how black text looks on a background with the YUV color 31.8040, 0.5896, -2.4591.



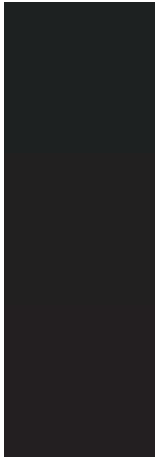
This preview shows how white text looks on a background with the YUV color 31.8040, 0.5896, -2.4591.

-2.4591.

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

31.8040, 0.5896, -2.4591

Protanopia

32.2990, -0.1474, 0.6148

Deuteranopia

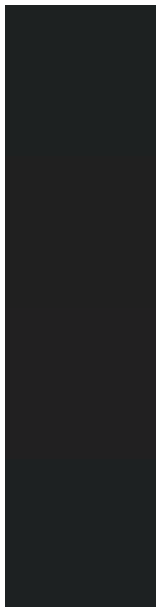
32.4240, 0.2840, 2.2592



Tritanopia

32.0320, 1.4632, -2.6591

Trichromacy



Original Color

31.8040, 0.5896, -2.4591

Protanomaly

32.0000, 0.0000, 0.0000

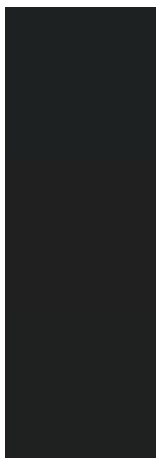
Deuteranomaly

32.4130, 0.2894, 0.5148

Tritanomaly

31.9180, 1.0264, -2.5591

Monochromacy



Original Color

31.8040, 0.5896, -2.4591

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7010, 0.1474, -0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.8040, 0.5896, -2.4591 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(29, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(29, 33, 33)  
}
```

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(29, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 33, 33) }
```

Border

The CSS property to change the border of an element to YUV 31.8040, 0.5896, -2.4591 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(29, 33, 33) }
```


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

```
.border{ border-color:rgb(29, 33, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 33, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(29, 33, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.8040, 0.5896, -2.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 33, 33) }
```

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

```
.background{ background-color: rgb(29, 33,  
33) }
```

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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