

Converting Colors

YUV(31.0130, -2.9644, 17.5286)

Have a look what the booklet for
YUV(31.0130, -2.9644, 17.5286)
contains.

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Color

**YUV(31.0130, -2.9644,
17.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	331619
RGB	51, 22, 25
RGB Percent	20%, 9%, 10%
CMY	0.8000, 0.9137, 0.9020
CMYK	0.00, 0.57, 0.51, 0.80
HSL	354°, 40%, 14%
HSV	354°, 57%, 20%
XYZ	1.8276, 1.3478, 1.0835
YIQ	31.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

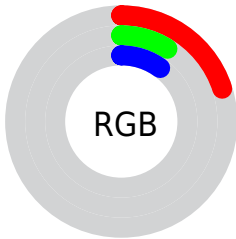
Format	Color
R_{YB}	51, 22, 25
Decimal	3347993
CIE Lab	11.61, 14.96, 4.58
CIE LCh	12, 15.647, 17.011
Yxy	1.3478, 0.4291, 0.3165
Android (android.graphics.Color)	4281538073 (0xFF331619)
YUV	31.0130, -2.9644, 17.5286
Hunter-Lab	11.6095, 7.7835, 2.5931

Details

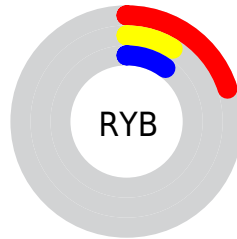
The YUV color **31.0130, -2.9644, 17.5286** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.9870, 2.9644, -17.5286**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.0950, -3.9908, 20.0877**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.5080, -3.7014, 20.6025**, and if you desaturate by 10%, it is **34.5180, -2.2274, 14.4547**.

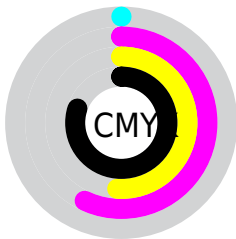
Distribution



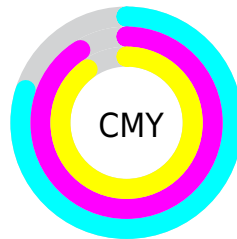
- Red (20%)
- Green (9%)
- Blue (10%)



- Red (20%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (57%)
- Yellow (51%)
- Black (80%)



- Cyan (80%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.0130, -2.9644, 17.5286 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 31.0130, -2.9644, 17.5286 by changing the saturation by 10% instead.

■ 31.0130, -2.9644,
17.5286

■ 31.0130, -2.9644,
17.5286

■ 251.0220, -0.0108,
3.4887

■ 9.5680, -4.7170,
19.6729

■ 76.0950, -3.9908,
20.0877

■ 0.0000, 0.0000,
0.0000

■ 99.9920, -4.4331,
21.9320

■ 125.2910, -4.5805,
22.5468

■ 150.8890, -4.8753,
23.7763

■ 178.1880, -5.0227,
24.3911

■ 205.4870, -5.1701,

25.0059

231.3940, -4.1382,
20.7025

31.0130, -2.9644,
17.5286

31.0130, -2.9644,
17.5286

27.5080, -3.7014,
20.6025

34.5180, -2.2274,
14.4547

24.1170, -4.0017,
23.5764

37.9090, -1.9271,
11.4808

20.6120, -4.7387,
26.6503

41.4140, -1.1901,
8.4069

17.2210, -5.0390,
29.6242

44.8050, -0.8899,
5.4330

15.8190, -5.3338,
30.8537

48.8970, -0.4422,
1.8443

■ 52.2880, -0.1420,
-1.1296

■ 55.7930, 0.5951,
-4.2035

■ 59.2980, 1.3321,
-7.2773

■ 62.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



31.3700, 2.2826, 14.5845



31.0130, -2.9644, 17.5286



30.6230, -8.1951, 15.2396

Triad

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



31.0130, -2.9644, 17.5286



27.3490, -6.0881, -7.3221



25.4840, 12.5794, -21.4725

Complementary

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



31.0130, -2.9644, 17.5286



41.9870, 2.9644, -17.5286

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.



25.7890, 9.9640, -22.6170



31.0130, -2.9644, 17.5286



24.9930, 0.4965, -19.2879

Square

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



31.0130, -2.9644, 17.5286



28.9220, -11.7935, 2.6994



25.3500, 5.7435, -22.2319



30.6000, 10.0572, -5.7882

Rectangle

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



31.0130, -2.9644, 17.5286



29.8030, -11.2419, 12.4508



25.3500, 5.7435, -22.2319



25.6580, 12.0006, -22.5021

Sweetspot

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



31.0130, -2.9644, 17.5286



58.4030, -1.1847, 6.6626



33.0800, 8.8346, 13.0848



28.7940, -0.8844, 3.6887



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.



31.0130, -2.9644, 17.5286



35.0250, -4.4493, 27.1651



37.1280, -7.4581, 12.1657



23.8970, -0.4422, 1.8443



27.6370, -9.1880, 53.8154



67.3910, -22.3778, 131.2071

Inverse Universe

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



31.0130, -2.9644, 17.5286



35.0250, -4.4493, 27.1651



35.8720, 7.4581, -12.1657



23.8970, -0.4422, 1.8443



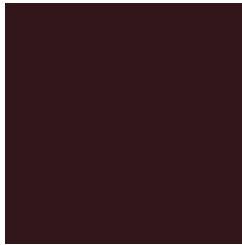
27.6370, -9.1880, 53.8154



67.3910, -22.3778, 131.2071

Previews

White Background



This preview shows how the YUV color 31.0130, -2.9644, 17.5286 looks on a white background.

Color Contrast Check

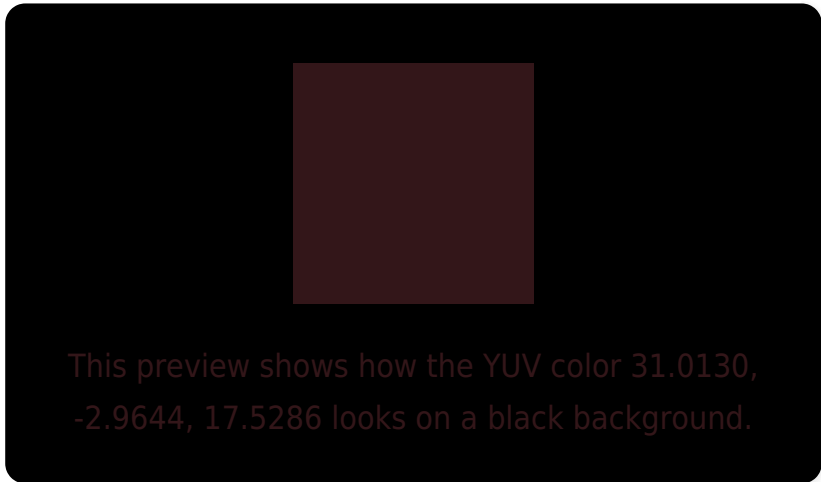
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0130, -2.9644, 17.5286

Background



This preview shows how black text looks on a background with the YUV color 31.0130, -2.9644, 17.5286.

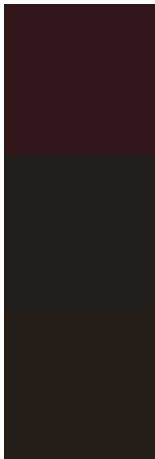


This preview shows how white text looks on a background with the YUV color 31.0130, -2.9644,

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

31.0130, -2.9644, 17.5286

Protanopia

31.4840, -0.7316, 1.3295

Deuteranopia

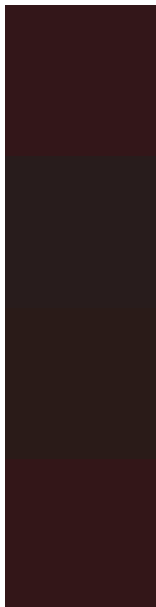
31.4090, -3.6526, 4.9033



Tritanopia

30.8990, -3.4012, 17.6286

Trichromacy



Original Color

31.0130, -2.9644, 17.5286

Protanomaly

31.5880, -1.7689, 7.3773

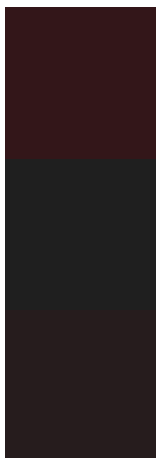
Deuteranomaly

31.1430, -3.5215, 9.5216

Tritanomaly

30.8990, -3.4012, 17.6286

Monochromacy



Original Color

31.0130, -2.9644, 17.5286

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1040, -1.0373, 6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.0130, -2.9644, 17.5286 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(51, 22, 25)` looks like.

```
.text, #text, p{  
    color:rgb(51, 22, 25)  
}
```

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(51, 22, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 22, 25) }
```

Border

The CSS property to change the border of an element to YUV 31.0130, -2.9644, 17.5286 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(51, 22, 25) }
```


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

```
.border{ border-color:rgb(51, 22, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 22, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 22, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 22, 25);  
box-shadow:4px 4px 4px 4px rgb(51, 22, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.0130, -2.9644, 17.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 22, 25) }
```

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

```
.background{ background-color: rgb(51, 22,  
25) }
```

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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