

Converting Colors

YUV(31.7490, 10.9697, 28.2841)

Have a look what the booklet for
YUV(31.7490, 10.9697, 28.2841)
contains.

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Color

**YUV(31.7490, 10.9697,
28.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	400B36
RGB	64, 11, 54
RGB Percent	25%, 4%, 21%
CMY	0.7490, 0.9569, 0.7882
CMYK	0.00, 0.83, 0.16, 0.75
HSL	311°, 71%, 15%
HSV	311°, 83%, 25%
XYZ	2.8999, 1.5957, 3.6452
YIQ	31.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

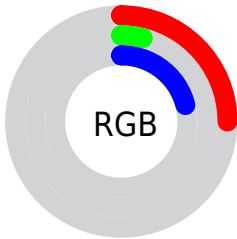
Format	Color
RYB	64, 11, 54
Decimal	4197174
CIELab	13.20, 30.36, -14.11
CIELCh	13, 33.476, 335.076
Yxy	1.5957, 0.3562, 0.1960
Android (android.graphics.Color)	4282387254 (0xFF400B36)
YUV	31.7490, 10.9697, 28.2841
Hunter-Lab	12.6320, 18.8715, -8.2668

Details

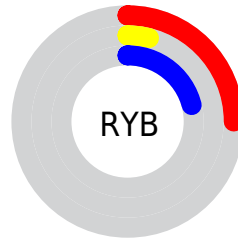
The YUV color **31.7490, 10.9697, 28.2841** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **43.2510, -10.9697, -28.2841**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.2330, 10.2381, 29.6137**, and **0.6840, 2.6208, -0.5999** is the 20% darker color. If you saturate the color by 10%, you get **28.1130, 12.2693, 31.4729**, and if you desaturate by 10%, it is **35.3850, 9.6702, 25.0954**.

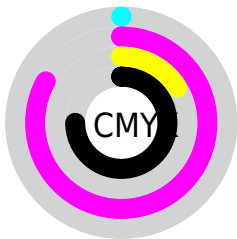
Distribution



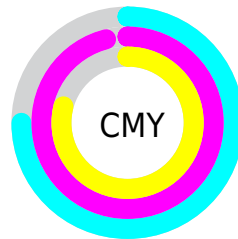
- Red (25%)
- Green (4%)
- Blue (21%)



- Red (25%)
- Yellow (4%)
- Blue (21%)



- Cyan (0%)
- Magenta (83%)
- Yellow (16%)
- Black (75%)



- Cyan (75%)
- Magenta (96%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.7490, 10.9697, 28.2841 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 31.7490, 10.9697, 28.2841 by changing the saturation by 10% instead.

■ 31.7490, 10.9697,
28.2841

■ 31.7490, 10.9697,
28.2841

■ 248.5430, 3.1833,
5.6628

■ 16.3200, 8.2232,
22.5214

■ 80.2330, 10.2381,
29.6137

■ 0.6840, 2.6208,
-0.5999

■ 104.9450, 10.3801,
30.7432

■ 0.0000, 0.0000,
0.0000


■ 130.6570, 10.5221,
31.8728


■ 157.3690, 10.6641,
33.0024


■ 184.0810, 10.8061,
34.1320


■ 212.3800, 10.6587,

34.7467


 232.1070, 11.2862,
20.0772

 31.7490, 10.9697,
28.2841

 31.7490, 10.9697,
28.2841


 28.1130, 12.2693,
31.4729


 35.3850, 9.6702,
25.0954

 25.0640, 13.2794,
34.1469

 39.6080, 8.0813,
21.3918

 43.3580, 7.2185,
18.1030

 47.5810, 5.6296,
14.3995

 51.2170, 4.3300,
11.2107

■ 54.8530, 3.0305,
8.0219

■ 59.0760, 1.4415,
4.3183

■ 62.8260, 0.5788,
1.0296

■ 67.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



34.5330, 18.4712, 2.1636



31.7490, 10.9697, 28.2841



27.4210, 1.7644, 40.8498

Triad

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



31.7490, 10.9697, 28.2841



31.9180, -15.7356, 7.0879



32.6680, 13.4747, -28.6498

Complementary

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



31.7490, 10.9697, 28.2841



43.2510, -10.9697, -28.2841

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.



30.0460, 3.4283, -26.3503



31.7490, 10.9697, 28.2841



28.2640, -13.9342, -10.7555

Square

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



31.7490, 10.9697, 28.2841



32.3160, -15.9318, 23.4019



26.4950, -7.6390, -23.2361



32.7310, 21.3316, -28.7051

Rectangle

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



31.7490, 10.9697, 28.2841



27.6460, -6.2345, 39.7755



26.4950, -7.6390, -23.2361



31.8700, 10.4171, -27.9500

Sweetspot

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



31.7490, 10.9697, 28.2841



71.2170, 4.3300, 11.2107



20.0320, 21.6762, 0.8489



35.1410, 2.8885, 6.8923



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



31.7490, 10.9697, 28.2841



33.4550, 17.0307, 44.3280



28.7850, -0.3870, 30.8836



31.2390, 0.8682, 1.5444



38.0090, 20.2086, 51.7351



87.7240, 46.4781, 119.5141

Inverse Universe

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



31.7490, 10.9697, 28.2841



33.4550, 17.0307, 44.3280



46.2150, 0.3870, -30.8836



31.2390, 0.8682, 1.5444



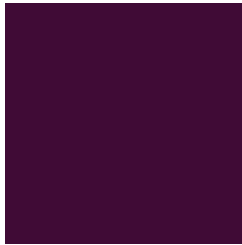
38.0090, 20.2086, 51.7351



87.7240, 46.4781, 119.5141

Previews

White Background



This preview shows how the YUV color 31.7490, 10.9697, 28.2841 looks on a white background.

Color Contrast Check

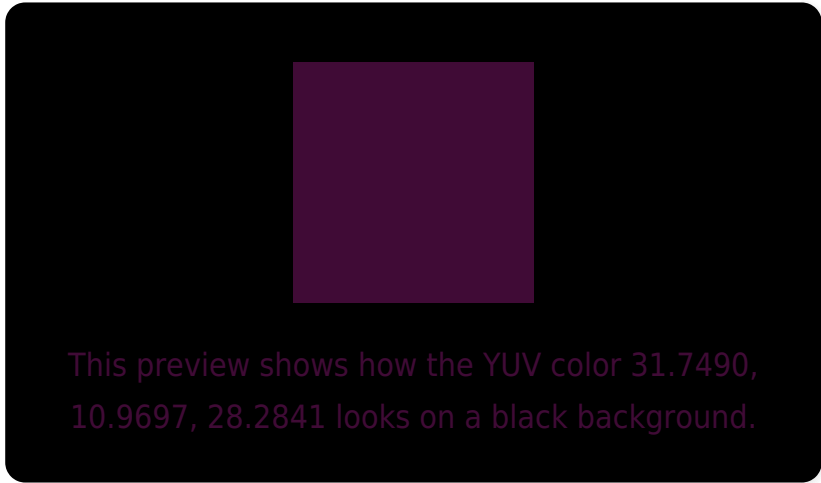
Large Text (above 18pt) WCAG AA ✓ Pass

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

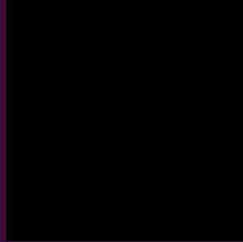
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.7490, 10.9697, 28.2841

Background



This preview shows how black text looks on a background with the YUV color 31.7490, 10.9697, 28.2841.



This preview shows how white text looks on a background with the YUV color 31.7490, 10.9697,

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

31.7490, 10.9697, 28.2841

Protanopia

31.0740, 21.1625, -21.1129

Deuteranopia

36.2150, 7.2890, -4.5736



Tritanopia

34.4760, -5.1647, 23.2615

Trichromacy



Original Color

31.7490, 10.9697, 28.2841

Protanomaly

31.2720, 17.6139, -2.8695

Deuteranomaly

34.6340, 8.5614, 7.3370

Tritanomaly

33.6810, 0.6503, 24.8358

Monochromacy



Original Color

31.7490, 10.9697, 28.2841

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.7490, 10.9697, 28.2841 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(64, 11, 54)` looks like.

```
.text, #text, p{  
    color:rgb(64, 11, 54)  
}
```

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(64, 11, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 11, 54) }
```

Border

The CSS property to change the border of an element to YUV 31.7490, 10.9697, 28.2841 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(64, 11, 54) }
```


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

```
.border{ border-color:rgb(64, 11, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 11, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 11, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 11, 54);  
box-shadow:4px 4px 4px 4px rgb(64, 11, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.7490, 10.9697, 28.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 11, 54) }
```

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

```
.background{ background-color: rgb(64, 11,  
54) }
```

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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