

Converting Colors

YUV(31.4480, 17.5271, 25.0401)

Have a look what the booklet for
YUV(31.4480, 17.5271, 25.0401)
contains.

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Color

**YUV(31.4480, 17.5271,
25.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0A43
RGB	60, 10, 67
RGB Percent	24%, 4%, 26%
CMY	0.7647, 0.9608, 0.7373
CMYK	0.10, 0.85, 0.00, 0.74
HSL	293°, 74%, 15%
HSV	293°, 85%, 26%
XYZ	2.9851, 1.5830, 5.4584
YIQ	31.4480, 11.5030, 28.3270

Conversions

Conversions Part 2

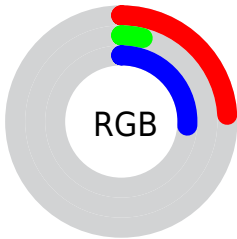
Format	Color
RYB	60, 10, 67
Decimal	3934787
CIELab	13.13, 32.21, -23.53
CIElCh	13, 39.887, 323.854
Yxy	1.5830, 0.2977, 0.1579
Android (android.graphics.Color)	4282124867 (0xFF3C0A43)
YUV	31.4480, 17.5271, 25.0401
Hunter-Lab	12.5817, 20.3331, -16.9150

Details

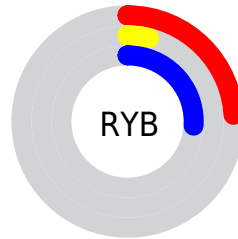
The YUV color **31.4480, 17.5271, 25.0401** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.5520, -17.5271, -25.0401**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0460, 17.2323, 26.2697**, and **2.6220, 10.0464, -2.2995** is the 20% darker color. If you saturate the color by 10%, you get **27.0400, 19.7003, 28.0289**, and if you desaturate by 10%, it is **35.8560, 15.3540, 22.0513**.

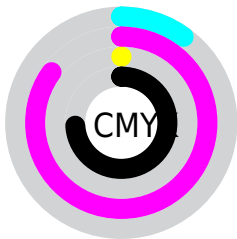
Distribution



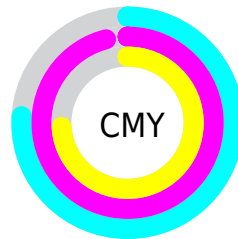
- Red (24%)
- Green (4%)
- Blue (26%)



- Red (24%)
- Yellow (4%)
- Blue (26%)



- Cyan (10%)
- Magenta (85%)
- Yellow (0%)
- Black (74%)



- Cyan (76%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.4480, 17.5271, 25.0401 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 31.4480, 17.5271, 25.0401 by changing the saturation by 10% instead.

31.4480, 17.5271,
25.0401

31.4480, 17.5271,
25.0401

248.5430, 3.1833,
5.6628

16.4920, 14.0544,
18.8625

80.0460, 17.2323,
26.2697

2.6220, 10.0464,
-2.2995

104.8720, 17.8111,
27.2993

0.0000, 0.0000,
0.0000


130.6980, 18.3899,
28.3289


157.1110, 18.6793,
28.8437


184.5240, 18.9687,
29.3585


212.3500, 19.5475,


30.3881


 231.5200, 11.5756,
20.5920

 31.4480, 17.5271,
25.0401


 31.4480, 17.5271,
25.0401


 27.0400, 19.7003,
28.0289


 35.8560, 15.3540,
22.0513

 25.2790, 20.5685,
29.5733

 39.6770, 13.4702,
19.5773

 43.7860, 11.4445,
15.9737

 48.1940, 9.2714,
12.9849

 52.6020, 7.0982,
9.9960

■ 56.4230, 5.2145,
7.5220

■ 60.8310, 3.0413,
4.5332

■ 65.2390, 0.8682,
1.5444

■ 68.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



28.2080, 27.9985, -20.3534



31.4480, 17.5271, 25.0401



27.9960, 6.4110, 43.8535

Triad

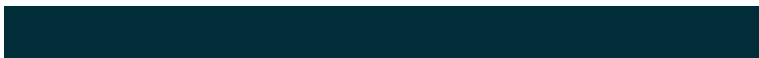
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.4480, 17.5271, 25.0401



32.5490, -16.0467, 13.5505



32.7990, 11.4381, -28.7647

Complementary

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



31.4480, 17.5271, 25.0401



45.5520, -17.5271, -25.0401

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.



29.4930, -1.2290, -25.8654



31.4480, 17.5271, 25.0401



29.4710, -14.5292, -6.5521

Square

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



31.4480, 17.5271, 25.0401



29.7240, -14.6539, 33.5681



25.2410, -12.4438, -22.1364



34.8340, 21.7738, -30.5494

Rectangle

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



31.4480, 17.5271, 25.0401



26.5420, -1.7462, 46.8827



25.2410, -12.4438, -22.1364



31.6590, 7.0701, -27.7649

Sweetspot

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



31.4480, 17.5271, 25.0401



72.6020, 7.0982, 9.9960



21.1940, 22.5824, -9.8171



35.0700, 3.9095, 6.0776



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.



31.4480, 17.5271, 25.0401



32.6420, 26.7985, 38.0250



31.1470, 7.3225, 31.4431



31.2390, 0.8682, 1.5444



36.4730, 29.8398, 42.5582



84.4390, 68.8036, 98.7160

Inverse Universe

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



27.8410, -5.3446, 34.3424



27.2670, -8.0196, 52.3858



45.8530, -7.3225, -31.4431



30.8970, -0.4422, 1.8443



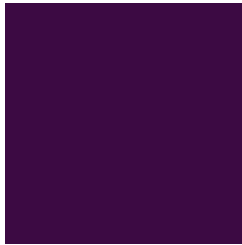
30.3710, -9.0569, 58.4336



70.1680, -20.7888, 134.9107

Previews

White Background



This preview shows how the YUV color 31.4480, 17.5271, 25.0401 looks on a white background.

Color Contrast Check

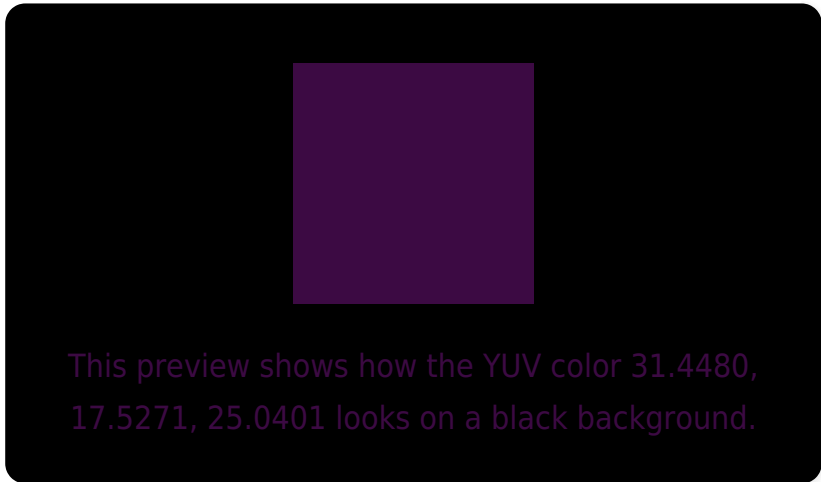
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4480, 17.5271, 25.0401

Background



This preview shows how black text looks on a background with the YUV color 31.4480, 17.5271, 25.0401.



This preview shows how white text looks on a background with the YUV color 31.4480, 17.5271,

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

31.4480, 17.5271, 25.0401

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

32.7880, 14.8945, -17.3541



Tritanopia

35.6000, -3.2538, 17.0138

Trichromacy



Original Color

31.4480, 17.5271, 25.0401

Protanomaly

29.9340, 20.2455, -6.9581

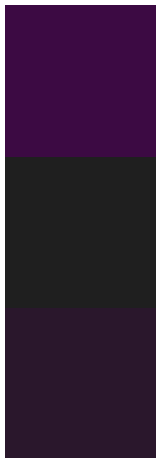
Deuteranomaly

32.1150, 15.7193, -1.8549

Tritanomaly

34.2720, 4.3029, 19.9325

Monochromacy



Original Color

31.4480, 17.5271, 25.0401

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.4480, 17.5271, 25.0401 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(60, 10, 67)` looks like.

```
.text, #text, p{  
    color:rgb(60, 10, 67)  
}
```

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(60, 10, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 10, 67) }
```

Border

The CSS property to change the border of an element to YUV 31.4480, 17.5271, 25.0401 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(60, 10, 67) }
```


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

```
.border{ border-color:rgb(60, 10, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 10, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 10, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 10, 67);  
box-shadow:4px 4px 4px 4px rgb(60, 10, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.4480, 17.5271, 25.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 10, 67) }
```

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

```
.background{ background-color: rgb(60, 10,  
67) }
```

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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