

Converting Colors

YUV(31.5150, 9.1131, 17.0883)

Have a look what the booklet for
YUV(31.5150, 9.1131, 17.0883)
contains.

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Color

**YUV(31.5150, 9.1131,
17.0883)**

Conversions

Conversions Part 1

Format	Color
Hex	331232
RGB	51, 18, 50
RGB Percent	20%, 7%, 20%
CMY	0.8000, 0.9294, 0.8039
CMYK	0.00, 0.65, 0.02, 0.80
HSL	302°, 48%, 14%
HSV	302°, 65%, 20%
XYZ	2.1573, 1.3667, 3.1677
YIQ	31.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

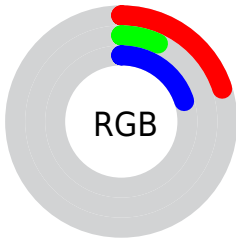
Format	Color
R_YB	51, 18, 50
Decimal	3346994
CIE Lab	11.73, 22.02, -13.69
CIE LCh	12, 25.932, 328.125
Yxy	1.3667, 0.3224, 0.2042
Android (android.graphics.Color)	4281537074 (0xFF331232)
YUV	31.5150, 9.1131, 17.0883
Hunter-Lab	11.6906, 12.4800, -7.8819

Details

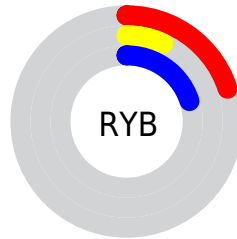
The YUV color **31.5150, 9.1131, 17.0883** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.4850, -9.1131, -17.0883**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.9390, 9.3971, 19.3475**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.5800, 10.5601, 19.6623**, and if you desaturate by 10%, it is **34.4500, 7.6661, 14.5143**.

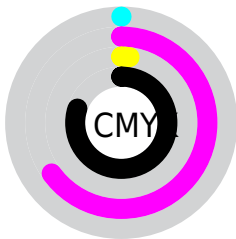
Distribution



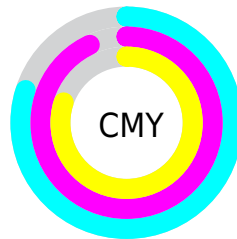
- Red (20%)
- Green (7%)
- Blue (20%)



- Red (20%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)
- Black (80%)



- Cyan (80%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5150, 9.1131, 17.0883 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 31.5150, 9.1131, 17.0883 by changing the saturation by 10% instead.

■ 31.5150, 9.1131,
17.0883

■ 31.5150, 9.1131,
17.0883

■ 249.7170, 2.6045,
4.6332

■ 12.8740, 7.9501,
16.7735

■ 76.9390, 9.3971,
19.3475

■ 0.0000, 0.0000,
0.0000

■ 101.3520, 9.6865,
19.8623

■ 126.7650, 9.9759,
20.3771

■ 152.5910, 10.5546,
21.4067

■ 179.8900, 10.4072,
22.0215

■ 207.3030, 10.6966,

22.5363

■ 233.2810, 10.7075,
19.0476

■ 31.5150, 9.1131,
17.0883

■ 31.5150, 9.1131,
17.0883

■ 28.5800, 10.5601,
19.6623

■ 34.4500, 7.6661,
14.5143

■ 25.6450, 12.0070,
22.2363

■ 37.3850, 6.2192,
11.9404

■ 22.7100, 13.4540,
24.8103

■ 40.3200, 4.7722,
9.3664

■ 20.8350, 13.8853,
26.4547

■ 43.3690, 3.7621,
6.6924

■ 46.8910, 2.0257,
3.6036

■ 49.8260, 0.5788,
1.0296

■ 52.7610, -0.8682,
-1.5444

■ 55.6960, -2.3151,
-4.1184

■ 58.6310, -3.7621,
-6.6924

Harmonies

Analogous

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



31.4030, 15.5773, -2.9844



31.5150, 9.1131, 17.0883



29.0450, 1.9498, 28.0245

Triad

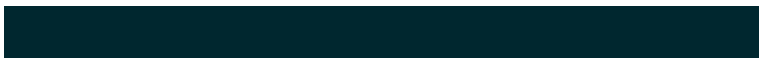
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5150, 9.1131, 17.0883



29.8690, -14.7254, 9.7619



28.2510, 9.2433, -24.7761

Complementary

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



31.5150, 9.1131, 17.0883



37.4850, -9.1131, -17.0883

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.



26.1990, 1.3809, -22.9765



31.5150, 9.1131, 17.0883



28.0200, -13.8139, -2.6485

Square

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



31.5150, 9.1131, 17.0883



29.0600, -14.3266, 21.8724



23.2180, -7.5025, -20.3622



28.6730, 15.9372, -25.1462

Rectangle

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



31.5150, 9.1131, 17.0883



28.5630, -3.7286, 29.3242



23.2180, -7.5025, -20.3622



27.6810, 7.0593, -24.2762

Sweetspot

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



31.5150, 9.1131, 17.0883



58.9560, 3.4727, 6.1776



22.0610, 14.2669, -2.6845



28.8910, 2.0257, 3.6036



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.



31.5150, 9.1131, 17.0883



35.9490, 14.3221, 26.3547



29.6910, 2.1243, 18.6880



24.1250, 0.4314, 1.6444



36.5290, 24.8822, 46.0171



88.8230, 59.7403, 112.4112

Inverse Universe

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



31.5150, 9.1131, 17.0883



35.9490, 14.3221, 26.3547



39.3090, -2.1243, -18.6880



24.1250, 0.4314, 1.6444



36.5290, 24.8822, 46.0171



88.8230, 59.7403, 112.4112

Previews

White Background



This preview shows how the YUV color 31.5150, 9.1131, 17.0883 looks on a white background.

Color Contrast Check

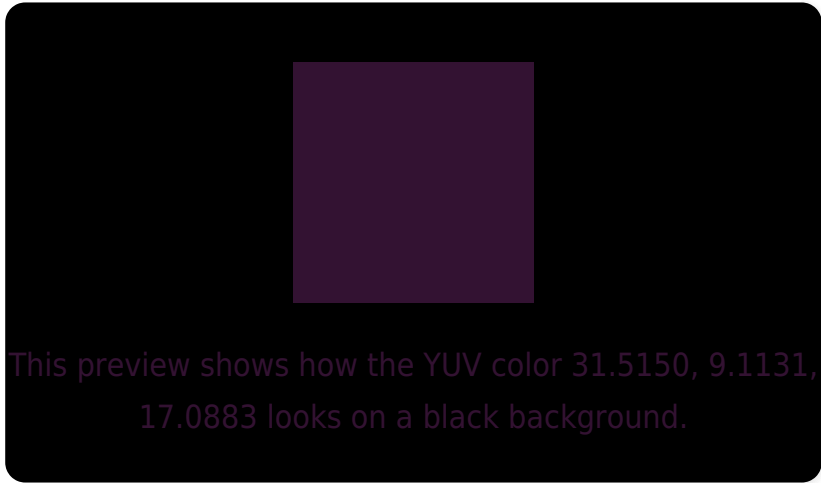
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5150, 9.1131, 17.0883

Background



This preview shows how black text looks on a background with the YUV color 31.5150, 9.1131, 17.0883.



This preview shows how white text looks on a background with the YUV color 31.5150, 9.1131,

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

31.5150, 9.1131, 17.0883

Protanopia

29.4510, 16.0467, -13.5505

Deuteranopia

31.7310, 8.0206, -5.9031



Tritanopia

32.1050, -2.5168, 13.9399

Trichromacy



Original Color

31.5150, 9.1131, 17.0883

Protanomaly

29.9470, 13.8301, -2.5845

Deuteranomaly

31.6010, 8.5777, 2.1039

Tritanomaly

31.5550, 1.6984, 15.2993

Monochromacy



Original Color

31.5150, 9.1131, 17.0883

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5150, 9.1131, 17.0883 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, 18, 50)` looks like.

```
.text, #text, p{  
    color:rgb(51, 18, 50)  
}
```

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, 18, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 18, 50) }
```

Border

The CSS property to change the border of an element to YUV 31.5150, 9.1131, 17.0883 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, 18, 50) }
```


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

```
.border{ border-color:rgb(51, 18, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 18, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 18, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 18, 50);  
box-shadow:4px 4px 4px 4px rgb(51, 18, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5150, 9.1131, 17.0883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 18, 50) }
```

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

```
.background{ background-color: rgb(51, 18,  
50) }
```

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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