

Converting Colors

YUV(31.0680, 17.2215, 29.7584)

Have a look what the booklet for
YUV(31.0680, 17.2215, 29.7584)
contains.

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Color

**YUV(31.0680, 17.2215,
29.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	410742
RGB	65, 7, 66
RGB Percent	25%, 3%, 26%
CMY	0.7451, 0.9725, 0.7412
CMYK	0.02, 0.89, 0.00, 0.74
HSL	299°, 81%, 14%
HSV	299°, 89%, 26%
XYZ	3.2393, 1.6691, 5.3057
YIQ	31.0680, 15.6290, 30.6450

Conversions

Conversions Part 2

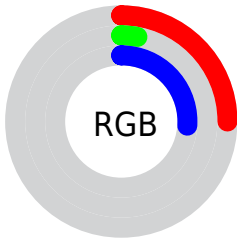
Format	Color
RYB	65, 7, 66
Decimal	4261698
CIELab	13.65, 34.33, -21.94
CIElCh	14, 40.740, 327.419
Yxy	1.6691, 0.3171, 0.1634
Android (android.graphics.Color)	4282451778 (0xFF410742)
YUV	31.0680, 17.2215, 29.7584
Hunter-Lab	12.9195, 22.1466, -15.3053




Details

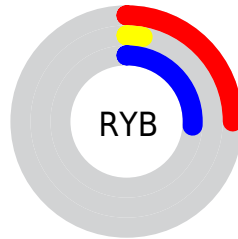
The YUV color **31.0680, 17.2215, 29.7584** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.9320, -17.2215, -29.7584**, and the grayscale version is **31.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **80.8400, 16.3479, 29.9583**, and **4.0030, 8.8725, 0.8744** is the 20% darker color. If you saturate the color by 10%, you get **26.9590, 19.2472, 33.3620**, and if you desaturate by 10%, it is **35.1770, 15.1957, 26.1548**.

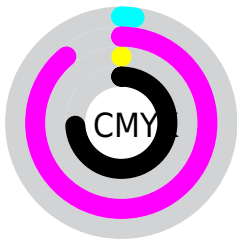
Distribution







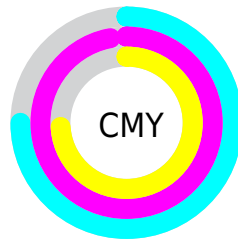
-  Red (25%)
-  Green (3%)
-  Blue (26%)






-  Red (25%)
-  Yellow (3%)
-  Blue (26%)



-  Cyan (2%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (75%)
-  Magenta (97%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.0680, 17.2215, 29.7584 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 31.0680, 17.2215, 29.7584 by changing the saturation by 10% instead.

■ 31.0680, 17.2215,
29.7584

■ 31.0680, 17.2215,
29.7584

■ 247.9560, 3.4727,
6.1776

■ 17.5740, 13.0280,
21.4216

■ 80.8400, 16.3479,
29.9583

■ 4.0030, 8.8725,
0.8744

■ 106.5520, 16.4899,
31.0879

■ 0.0000, 0.0000,
0.0000


■ 132.2640, 16.6318,
32.2175


■ 159.0900, 17.2106,
33.2471


■ 185.9160, 17.7894,
34.2767


■ 214.2150, 17.6420,

34.8914


 231.5200, 11.5756,
20.5920


 31.0680, 17.2215,
29.7584

 31.0680, 17.2215,
29.7584

 26.9590, 19.2472,
33.3620

 35.1770, 15.1957,
26.1548

 38.6990, 13.4594,
23.0660

 42.8080, 11.4337,
19.4624

 46.3300, 9.6973,
16.3736

 50.7380, 7.5242,
13.3848

■ 54.8470, 5.4984,
9.7812

■ 58.3690, 3.7621,
6.6924

■ 62.4780, 1.7363,
3.0888

■ 66.0000, 0.0000,
0.0000

Harmonies

Analogous

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



32.2200, 26.5135, -10.7169



31.0680, 17.2215, 29.7584



28.6650, 5.0952, 45.8978

Triad

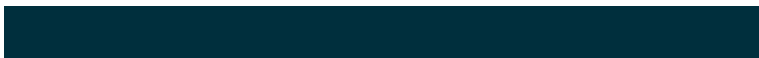
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.0680, 17.2215, 29.7584



33.4240, -16.4780, 11.9062



34.5430, 13.0433, -30.2942

Complementary

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



31.0680, 17.2215, 29.7584



41.9320, -17.2215, -29.7584

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.



30.5360, 0.2288, -26.7801



31.0680, 17.2215, 29.7584



29.4490, -14.5184, -10.0408

Square

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



31.0680, 17.2215, 29.7584



31.4850, -15.5221, 32.0237



25.8280, -12.7332, -22.6512



35.8770, 23.2316, -31.4641

Rectangle

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



31.0680, 17.2215, 29.7584



26.7980, -3.3514, 48.4122



25.8280, -12.7332, -22.6512



33.4030, 8.6753, -29.2944

Sweetspot

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



31.0680, 17.2215, 29.7584



72.6130, 7.0928, 11.7404



14.9000, 25.1923, -6.9283



34.7820, 4.0515, 7.2072



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.



31.0680, 17.2215, 29.7584



35.3330, 25.4718, 43.5580



28.1750, 4.8437, 33.1725



31.2390, 0.8682, 1.5444



39.4630, 28.3657, 48.7059



91.6150, 65.2658, 113.4706

Inverse Universe

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



24.7550, -8.2602, 36.1719



26.1270, -12.3876, 53.3856



44.8250, -4.8437, -33.1725



30.8970, -0.4422, 1.8443



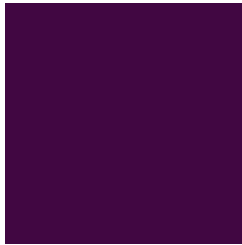
29.2310, -13.4249, 59.4334



67.4320, -31.2720, 137.3101

Previews

White Background



This preview shows how the YUV color 31.0680, 17.2215, 29.7584 looks on a white background.

Color Contrast Check

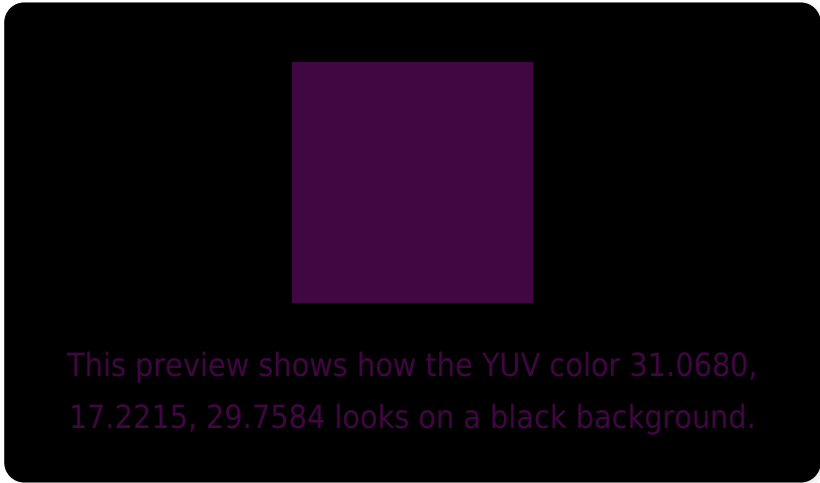
Large Text (above 18pt) WCAG AA ✓ Pass

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

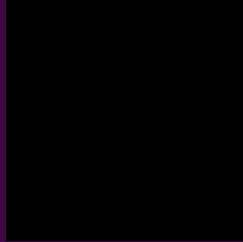
Any Text WCAG AA × Fail

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 31.0680, 17.2215, 29.7584 Background



This preview shows how black text looks on a background with the YUV color 31.0680, 17.2215, 29.7584.



This preview shows how white text looks on a background with the YUV color 31.0680, 17.2215,

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

31.0680, 17.2215, 29.7584

Protanopia

29.9100, 23.2154, -26.2311

Deuteranopia

35.9520, 12.8417, -12.2359



Tritanopia

36.6930, -4.2856, 21.3172

Trichromacy



Original Color

31.0680, 17.2215, 29.7584

Protanomaly

30.1730, 21.1137, -5.4137

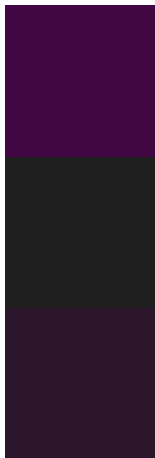
Deuteranomaly

34.3930, 14.1033, 3.1633

Tritanomaly

34.4790, 3.7079, 24.1359

Monochromacy



Original Color

31.0680, 17.2215, 29.7584

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.0680, 17.2215, 29.7584 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(65, 7, 66)` looks like.

```
.text, #text, p{  
    color:rgb(65, 7, 66)  
}
```

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(65, 7, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 7, 66) }
```

Border

The CSS property to change the border of an element to YUV 31.0680, 17.2215, 29.7584 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(65, 7, 66) }
```


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

```
.border{ border-color:rgb(65, 7, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 7, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 7, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 7, 66); box-shadow:4px  
4px 4px 4px rgb(65, 7, 66) }
```

Background

The CSS property to change the background color of an element to YUV 31.0680, 17.2215, 29.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 7, 66) }
```

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

```
.background{ background-color: rgb(65, 7,  
66) }
```

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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