

Converting Colors

YUV(162.8130, -80.2668,
31.7360)

Have a look what the booklet for
YUV(162.8130, -80.2668, 31.7360)
contains.

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Color

**YUV(162.8130, -80.2668,
31.7360)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7B000 |
| RGB | 199, 176, 0 |
| RGB Percent | 78%, 69%, 0% |
| CMY | 0.2196, 0.3098, 1.0000 |
| CMYK | 0.00, 0.12, 1.00, 0.22 |
| HSL | 53°, 100%, 39% |
| HSV | 53°, 100%, 78% |
| XYZ | 39.0785, 43.1928, 6.2774 |
| YIQ | 162.8130, 70.2040, -49.8600 |

Conversions

Conversions Part 2

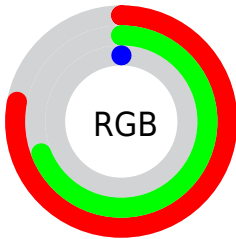
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 26, 199, 0 |
| Decimal | 13086720 |
| CIE Lab | 71.69, -6.16, 73.92 |
| CIE LCh | 72, 74.176, 94.764 |
| Yxy | 43.1928, 0.4413, 0.4878 |
| Android (android.graphics.Color) | 4291276800 (0xFFC7B000) |
| YUV | 162.8130, -80.2668, 31.7360 |
| Hunter-Lab | 65.7212, -8.8742, 40.3417 |

Details

The YUV color **162.8130, -80.2668, 31.7360** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **36.1870, 80.2668, -31.7360**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8480, -69.9311, 29.9513**, and **114.6480, -56.5215, 22.2337** is the 20% darker color. If you saturate the color by 10%, you get **162.8130, -80.2668, 31.7360**, and if you desaturate by 10%, it is **166.2670, -72.1096, 28.7068**.

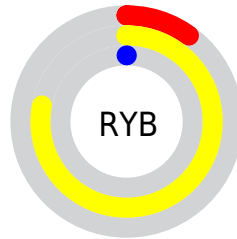
Distribution



Red (78%)

Green (69%)

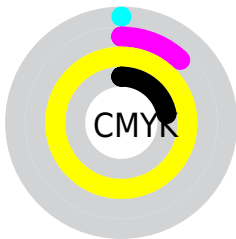
Blue (0%)



Red (10%)

Yellow (78%)

Blue (0%)

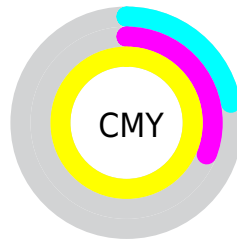


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8130, -80.2668, 31.7360 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 162.8130, -80.2668, 31.7360 by changing the saturation by 10% instead.

■ 162.8130,
-80.2668, 31.7360

■ 162.8130,
-80.2668, 31.7360

■ 255.0000, 0.0000,
0.0000

■ 138.5810,
-68.3204, 26.6775

■ 220.8480,
-69.9311, 29.9513

■ 114.6480,
-56.5215, 22.2337

■ 238.2420,
-64.2093, 14.6968

■ 91.6010, -45.1593,
17.8899

■ 241.4340,
-51.9790, 11.8974

■ 69.7280, -34.3759,
12.5165

■ 244.6260,
-39.7486, 9.0980

■ 48.1540, -23.7399,
7.7579

■ 247.9320,
-27.0815, 6.1986

■ 28.3520, -13.9775,
3.1993

■ 251.2380,

■ 6.4570, -3.1833,

-14.4143, 3.2993

-5.6628

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 162.8130,
-80.2668, 31.7360

■ 166.2670,
-72.1096, 28.7068

■ 170.3080,
-64.2418, 25.1629

■ 173.7620,
-56.0847, 22.1337

■ 177.2160,
-47.9275, 19.1046

■ 181.2570,
-40.0597, 15.5606

■ 184.5970,
-32.3393, 12.6314

■ 188.0510,
-24.1821, 9.6023

■ 191.5050,
-16.0250, 6.5731

■ 195.5460, -8.1572,
3.0292

Harmonies

Analogous

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



169.7130, -61.4835, 73.9197



162.8130, -80.2668, 31.7360



157.6760, -52.5913, -25.1489

Triad

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



162.8130, -80.2668, 31.7360



149.5360, 50.0218, -131.1431



174.6490, 29.7530, 70.4678

Complementary

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



162.8130, -80.2668, 31.7360



36.1870, 80.2668, -31.7360

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.



175.6910, 39.0993, 12.5490



162.8130, -80.2668, 31.7360



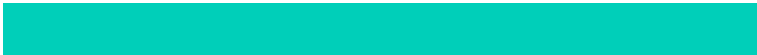
145.2960, 54.0841, -127.4246

Square

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



162.8130, -80.2668, 31.7360



142.5990, 20.9037, -125.0593



134.7300, 59.2931, -118.1582



158.2060, 4.8284, 84.8883

Rectangle

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



162.8130, -80.2668, 31.7360



144.7350, -25.5054, -79.5746



134.7300, 59.2931, -118.1582



180.1080, 36.9218, 57.7873

Sweetspot

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



162.8130, -80.2668, 31.7360



241.0530, -30.5921, 12.2315



62.1230, -19.2876, 120.0411



119.2340, -18.3564, 7.6878



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



162.8130, -80.2668, 31.7360



208.9070, -102.9912, 40.4236



153.5900, -75.7199, -26.8274



97.3870, -3.6418, 1.4146



133.2650, -65.6996, 26.0776



29.5480, -14.5672, 5.6584

Inverse Universe

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



36.1870, 80.2668, -31.7360



46.0930, 102.9912, -40.4236



45.4100, 75.7199, 26.8274



91.6130, 3.6418, -1.4146



29.7350, 65.6996, -26.0776



6.4520, 14.5672, -5.6584

Previews

White Background



This preview shows how the YUV color 162.8130, -80.2668, 31.7360 looks on a white background.

Color Contrast Check

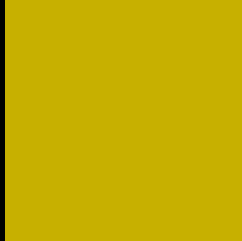
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.8130, -80.2668, 31.7360 looks on a black 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

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

YUV 162.8130, -80.2668, 31.7360

Background



This preview shows how black text looks on a background with the YUV color 162.8130, -80.2668, 31.7360.



This preview shows how white text looks on a background with the YUV color 162.8130, -80.2668, 31.7360.

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

162.8130, -80.2668, 31.7360

Protanopia

162.7420, -79.2458, 30.9213

Deuteranopia

166.9150, -71.4431, 48.3095



Tritanopia

178.8230, -1.3917, 26.4652

Trichromacy



Original Color

162.8130, -80.2668, 31.7360

Protanomaly

162.6280, -79.6826, 31.0212

Deuteranomaly

165.3720, -74.6264, 42.6468

Tritanomaly

172.6790, -29.9147, 28.3455

Monochromacy



Original Color

162.8130, -80.2668, 31.7360

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0960, -29.1343, 11.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8130, -80.2668, 31.7360 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(199, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 0)  
}
```

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(199, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 0) }
```

Border

The CSS property to change the border of an element to YUV 162.8130, -80.2668, 31.7360 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(199, 176, 0) }
```


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

```
.border{ border-color:rgb(199, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 162.8130, -80.2668, 31.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 0) }
```

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

```
.background{ background-color: rgb(199,  
176, 0) }
```

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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