

Converting Colors

YUV(172.3800, -49.9803,
24.2227)

Have a look what the booklet for
YUV(172.3800, -49.9803, 24.2227)
contains.

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Color

**YUV(172.3800, -49.9803,
24.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B247
RGB	200, 178, 71
RGB Percent	78%, 70%, 28%
CMY	0.2157, 0.3020, 0.7216
CMYK	0.00, 0.11, 0.65, 0.22
HSL	50°, 54%, 53%
HSV	50°, 64%, 78%
XYZ	40.8771, 44.5751, 12.4106
YIQ	172.3800, 47.4590, -28.6130

Conversions

Conversions Part 2

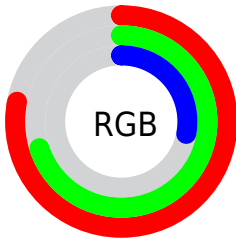
Format	Color
RYB	98, 200, 71
Decimal	13152839
CIELab	72.61, -4.53, 55.81
CIELCh	73, 55.991, 94.642
Yxy	44.5751, 0.4177, 0.4555
Android (android.graphics.Color)	4291342919 (0xFFC8B247)
YUV	172.3800, -49.9803, 24.2227
Hunter-Lab	66.7646, -7.5500, 35.7140

Details

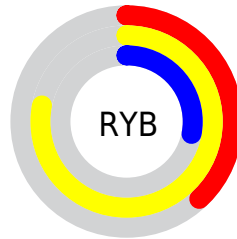
The YUV color **172.3800, -49.9803, 24.2227** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **98.6200, 49.9803, -24.2227**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1520, -50.8539, 24.4227**, and **117.9730, -52.7377, 21.9487** is the 20% darker color. If you saturate the color by 10%, you get **168.3390, -57.8481, 27.7667**, and if you desaturate by 10%, it is **176.4210, -42.1126, 20.6788**.

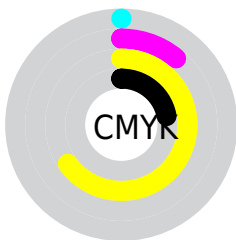
Distribution



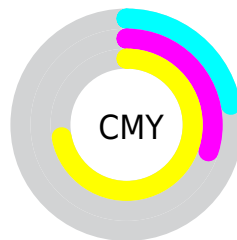
- Red (78%)
- Green (70%)
- Blue (28%)



- Red (38%)
- Yellow (78%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (65%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3800, -49.9803, 24.2227 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 172.3800, -49.9803, 24.2227 by changing the saturation by 10% instead.

■ 172.3800,
-49.9803, 24.2227

■ 172.3800,
-49.9803, 24.2227

■ 255.0000, 0.0000,
0.0000

■ 144.7820,
-49.6855, 22.9932

■ 227.1520,
-50.8539, 24.4227

■ 117.9730,
-52.7377, 21.9487

■ 243.1440,
-45.4270, 10.3977

■ 93.6720, -46.1803,
18.7047

■ 246.3360,
-33.1966, 7.5983

■ 71.8100, -35.4023,
15.0756

■ 249.5280,
-20.9663, 4.7989

■ 50.8230, -25.0557,
9.8022

■ 252.8340, -8.2992,
1.8996

■ 31.0210, -15.2934,
5.2436

■ 7.9410, -3.9149,

-4.3333

■ 0.0000, 0.0000,
0.0000

■ 172.3800,
-49.9803, 24.2227

■ 172.3800,
-49.9803, 24.2227

■ 168.3390,
-57.8481, 27.7667

■ 176.4210,
-42.1126, 20.6788

■ 163.7110,
-65.4265, 31.8255

■ 181.0490,
-34.5342, 16.6200

■ 159.6700,
-73.2943, 35.3694

■ 185.0900,
-26.6664, 13.0761

■ 157.2420,
-77.5203, 37.4988

■ 189.7180,
-19.0880, 9.0173

■ 193.7590,
-11.2202, 5.4734

■ 197.8000, -3.3524,
1.9294

■ 202.4280, 4.2260,
-2.1294

■ 206.4690, 12.0938,
-5.6733

■ 211.0970, 19.6722,
-9.7321

Harmonies

Analogous

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



175.9680, -44.8472, 57.9101



172.3800, -49.9803, 24.2227



166.9170, -37.9201, -17.4672

Triad

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



172.3800, -49.9803, 24.2227



145.3640, 44.1905, -127.4842



182.6290, 19.9029, 56.4534

Complementary

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



172.3800, -49.9803, 24.2227



98.6200, 49.9803, -24.2227

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.



180.9850, 36.4894, 9.6602



172.3800, -49.9803, 24.2227



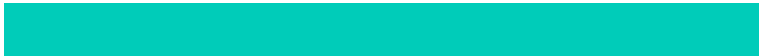
143.5350, 54.9522, -125.8802

Square

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



172.3800, -49.9803, 24.2227



140.8380, 21.7719, -123.5149



164.6190, 44.5578, -58.4249



174.5110, -1.2379, 70.5889

Rectangle

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



172.3800, -49.9803, 24.2227



159.9480, -21.6664, -50.8204



164.6190, 44.5578, -58.4249



183.3760, 26.9296, 42.6432

Sweetspot

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



172.3800, -49.9803, 24.2227



244.8320, -18.6512, 8.9173



112.3070, -8.5324, 76.9068



121.0580, -11.3676, 6.0881



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.



172.3800, -49.9803, 24.2227



213.2850, -76.0625, 36.5841



173.0350, -50.3033, -12.3087



97.3870, -3.6418, 1.4146



127.9820, -63.0951, 30.7108



28.3740, -13.9884, 6.6880

Inverse Universe

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



98.6200, 49.9803, -24.2227



100.7150, 76.0625, -36.5841



97.9650, 50.3033, 12.3087



91.6130, 3.6418, -1.4146



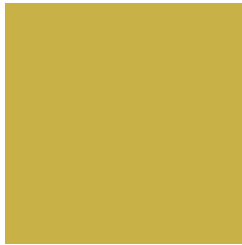
35.0180, 63.0951, -30.7108



7.6260, 13.9884, -6.6880

Previews

White Background



This preview shows how the YUV color 172.3800, -49.9803, 24.2227 looks on a white background.

Color Contrast Check

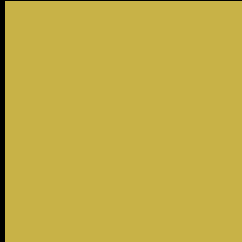
Large Text (above 18pt) WCAG AA × Fail

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 172.3800, -49.9803, 24.2227 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 172.3800, -49.9803, 24.2227

Background



This preview shows how black text looks on a background with the YUV color 172.3800, -49.9803, 24.2227.



This preview shows how white text looks on a background with the YUV color 172.3800, -49.9803, 24.2227.

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

172.3800, -49.9803, 24.2227

Protanopia

172.0810, -49.8329, 23.6080

Deuteranopia

173.7180, -49.1610, 41.4663



Tritanopia

181.0400, -0.5127, 24.5209

Trichromacy



Original Color

172.3800, -49.9803, 24.2227

Protanomaly

172.0810, -49.8329, 23.6080

Deuteranomaly

172.9730, -49.2867, 35.1037

Tritanomaly

177.9310, -18.7000, 24.6165

Monochromacy



Original Color

172.3800, -49.9803, 24.2227

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9460, -18.2144, 8.8174

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3800, -49.9803, 24.2227 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(200, 178, 71)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 71)  
}
```

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(200, 178, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 71) }
```

Border

The CSS property to change the border of an element to YUV 172.3800, -49.9803, 24.2227 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(200, 178, 71) }
```


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

```
.border{ border-color:rgb(200, 178, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 71);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 172.3800, -49.9803, 24.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 71) }
```

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

```
.background{ background-color: rgb(200,  
178, 71) }
```

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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