

Converting Colors

YUV(171.7800, -83.7015,
13.3479)

Have a look what the booklet for
YUV(171.7800, -83.7015, 13.3479)
contains.

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Color

**YUV(171.7800, -83.7015,
13.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC502
RGB	187, 197, 2
RGB Percent	73%, 77%, 1%
CMY	0.2667, 0.2275, 0.9922
CMYK	0.05, 0.00, 0.99, 0.23
HSL	63°, 98%, 39%
HSV	63°, 99%, 77%
XYZ	40.4707, 50.5017, 7.6722
YIQ	171.7800, 56.6350, -62.7650

Conversions

Conversions Part 2

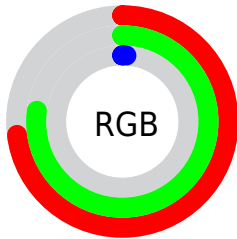
Format	Color
R _Y B	2, 197, 12
Decimal	12305666
CIE Lab	76.38, -22.01, 76.66
CIE LCh	76, 79.761, 106.022
Yxy	50.5017, 0.4103, 0.5120
Android (android.graphics.Color)	4290495746 (0xFFBBC502)
YUV	171.7800, -83.7015, 13.3479
Hunter-Lab	71.0645, -22.7085, 43.3442

Details

The YUV color **171.7800, -83.7015, 13.3479** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **27.2200, 83.7015, -13.3479**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8260, -73.3712, 13.3076**, and **122.5120, -60.3984, 5.6900** is the 20% darker color. If you saturate the color by 10%, you get **171.5520, -84.5751, 13.5479**, and if you desaturate by 10%, it is **174.3590, -75.1130, 11.9632**.

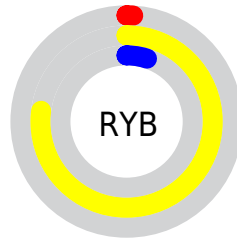
Distribution



Red (73%)

Green (77%)

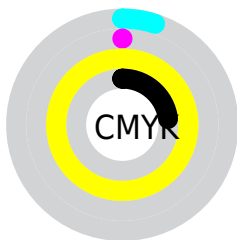
Blue (1%)



Red (1%)

Yellow (77%)

Blue (5%)

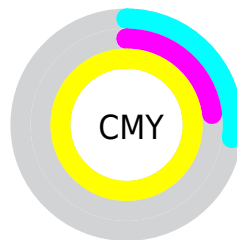


Cyan (5%)

Magenta (0%)

Yellow (99%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7800, -83.7015, 13.3479 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 171.7800, -83.7015, 13.3479 by changing the saturation by 10% instead.

■ 171.7800,
-83.7015, 13.3479

■ 171.7800,
-83.7015, 13.3479

255.0000, 0.0000,
0.0000

■ 147.0320,
-72.4868, 9.6189

■ 231.8260,
-73.3712, 13.3076

■ 122.5120,
-60.3984, 5.6900

■ 238.8120,
-62.0253, 14.1969

■ 99.4650, -49.0362,
1.3462

■ 242.0040,
-49.7950, 11.3975

■ 76.4180, -37.6741,
-2.9976

■ 245.3100,
-37.1278, 8.4981

■ 54.8440, -27.0381,
-7.7562

■ 248.6160,
-24.4607, 5.5988

■ 33.2700, -16.4021,
-12.5148

■ 252.0360,

■ 17.0230, -8.3923,

-11.3567, 2.5994

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 171.7800,
-83.7015, 13.3479

■ 171.7800,
-83.7015, 13.3479

■ 171.5520,
-84.5751, 13.5479

■ 174.3590,
-75.1130, 11.9632

■ 176.8240,
-66.9612, 10.6784

■ 179.4030,
-58.3727, 9.2936

■ 181.9820,
-49.7841, 7.9088

■ 184.5610,
-41.1956, 6.5240

■ 187.0260,
-33.0438, 5.2392

■ 189.6050,
-24.4553, 3.8544

■ 192.1840,
-15.8667, 2.4696

■ 194.6490, -7.7150,
1.1848

Harmonies

Analogous

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



178.7770, -78.7701, 65.0936



171.7800, -83.7015, 13.3479



163.1110, -42.4527, -57.1023

Triad

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



171.7800, -83.7015, 13.3479



157.6230, 48.0069, -138.2354



172.4490, 26.4006, 72.3972

Complementary

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



171.7800, -83.7015, 13.3479



27.2200, 83.7015, -13.3479

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.



189.1790, 32.4498, 45.4470



171.7800, -83.7015, 13.3479



150.5790, 51.4796, -132.0578

Square

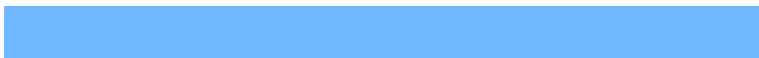
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.7800, -83.7015, 13.3479



156.7790, 34.6190, -137.4952



169.9790, 41.9154, -50.8476



161.6650, -4.7648, 81.8548

Rectangle

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



171.7800, -83.7015, 13.3479



142.8030, -8.7769, -125.2382



169.9790, 41.9154, -50.8476



179.8810, 34.5687, 65.8794

Sweetspot

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



171.7800, -83.7015, 13.3479



245.1400, -32.6070, 5.1392



66.1750, -31.6383, 114.7335



121.8590, -19.6505, 2.7547



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.



171.7800, -83.7015, 13.3479



222.0430, -109.4672, 17.5023



142.7770, -69.4031, -46.2854



97.9740, -3.9312, 0.8998



142.0260, -70.0188, 11.3782



31.2980, -15.4299, 2.3697

Inverse Universe

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



27.2200, 83.7015, -13.3479



32.9570, 109.4672, -17.5023



56.2230, 69.4031, 46.2854



91.0260, 3.9312, -0.8998



20.9740, 70.0188, -11.3782



4.7020, 15.4299, -2.3697

Previews

White Background



This preview shows how the YUV color 171.7800, -83.7015, 13.3479 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 171.7800, -83.7015, 13.3479 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 171.7800, -83.7015, 13.3479

Background



This preview shows how black text looks on a background with the YUV color 171.7800, -83.7015, 13.3479.



This preview shows how white text looks on a background with the YUV color 171.7800, -83.7015,

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

171.7800, -83.7015, 13.3479

Protanopia

174.3310, -85.9452, 33.0357

Deuteranopia

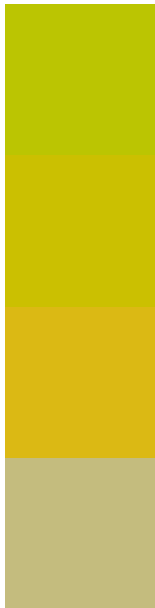
178.8830, -72.9063, 50.9686



Tritanopia

189.9780, 3.4618, 9.6663

Trichromacy



Original Color

171.7800, -83.7015, 13.3479

Protanomaly

173.5150, -85.0499, 25.8583

Deuteranomaly

176.3560, -77.0835, 37.3988

Tritanomaly

183.3240, -28.2607, 11.1169

Monochromacy



Original Color

171.7800, -83.7015, 13.3479

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7100, -30.4230, 4.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7800, -83.7015, 13.3479 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(187, 197, 2)` looks like.

```
.text, #text, p{  
    color:rgb(187, 197, 2)  
}
```

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(187, 197, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 197, 2) }
```

Border

The CSS property to change the border of an element to YUV 171.7800, -83.7015, 13.3479 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(187, 197, 2) }
```


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

```
.border{ border-color:rgb(187, 197, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 197, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 197, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 197, 2);  
box-shadow:4px 4px 4px 4px rgb(187, 197,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 171.7800, -83.7015, 13.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 197, 2) }
```

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

```
.background{ background-color: rgb(187,  
197, 2) }
```

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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