

Converting Colors

YUV(171.6710, -81.6758,
16.9515)

Have a look what the booklet for
YUV(171.6710, -81.6758, 16.9515)
contains.

YUV(171.6710, -81.6758, 16.9515)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.6710, -81.6758,
16.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC206
RGB	191, 194, 6
RGB Percent	75%, 76%, 2%
CMY	0.2510, 0.2392, 0.9765
CMYK	0.02, 0.00, 0.97, 0.24
HSL	61°, 94%, 39%
HSV	61°, 97%, 76%
XYZ	40.8105, 49.6731, 7.6092
YIQ	171.6710, 58.5600, -59.1040

Conversions

Conversions Part 2

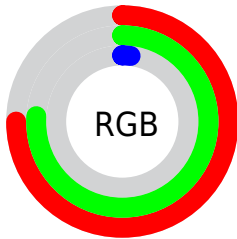
Format	Color
RYB	6, 194, 9
Decimal	12567046
CIELab	75.87, -18.78, 76.01
CIELCh	76, 78.297, 103.874
Yxy	49.6731, 0.4160, 0.5064
Android (android.graphics.Color)	4290757126 (0xFFBFC206)
YUV	171.6710, -81.6758, 16.9515
Hunter-Lab	70.4791, -19.9792, 42.9342

Details

The YUV color **171.6710, -81.6758, 16.9515** 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 **28.3290, 81.6758, -16.9515**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3750, -72.6559, 17.2111**, and **122.5340, -60.4093, 9.1787** is the 20% darker color. If you saturate the color by 10%, you get **170.9870, -84.2966, 17.5514**, and if you desaturate by 10%, it is **173.8370, -73.3766, 15.0520**.

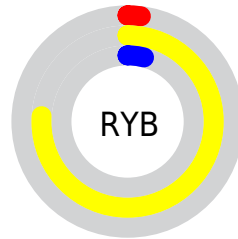
Distribution



Red (75%)

Green (76%)

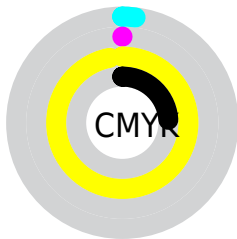
Blue (2%)



Red (2%)

Yellow (76%)

Blue (4%)

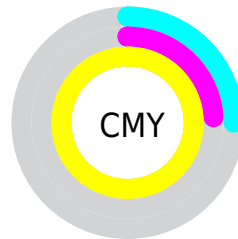


Cyan (2%)

Magenta (0%)

Yellow (97%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6710, -81.6758, 16.9515 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 171.6710, -81.6758, 16.9515 by changing the saturation by 10% instead.

■ 171.6710,
-81.6758, 16.9515

■ 171.6710,
-81.6758, 16.9515

255.0000, 0.0000,
0.0000

■ 146.4670,
-72.2082, 13.6224

■ 231.3750,
-72.6559, 17.2111

■ 122.5340,
-60.4093, 9.1787

■ 238.8120,
-62.0253, 14.1969

■ 98.9000, -48.7577,
5.3497

■ 242.1180,
-49.3582, 11.2975

■ 76.4400, -37.6849,
0.4911

■ 245.3100,
-37.1278, 8.4981

■ 54.8660, -27.0489,
-4.2675

■ 248.6160,
-24.4607, 5.5988

■ 33.5910, -16.5604,
-8.4113

■ 252.0360,

■ 15.8490, -7.8136,

-11.3567, 2.5994

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 171.6710,
-81.6758, 16.9515

■ 171.6710,
-81.6758, 16.9515

■ 170.9870,
-84.2966, 17.5514

■ 173.8370,
-73.3766, 15.0520

■ 176.4160,
-64.7881, 13.6672

■ 178.5820,
-56.4889, 11.7676

■ 180.8620,
-47.7530, 9.7680

■ 183.3270,
-39.6012, 8.4832

■ 185.4930,
-31.3020, 6.5836

■ 187.7730,
-22.5661, 4.5841

■ 189.9390,
-14.2669, 2.6845

■ 192.5180, -5.6784,
1.2997

Harmonies

Analogous

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



178.4550, -73.6813, 66.2530



171.6710, -81.6758, 16.9515



163.6990, -44.2216, -49.7250

Triad

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



171.6710, -81.6758, 16.9515



157.0360, 48.2963, -137.7206



173.9650, 27.1323, 71.0677

Complementary

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



171.6710, -81.6758, 16.9515



28.3290, 81.6758, -16.9515

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.



187.9610, 33.0502, 39.4992



171.6710, -81.6758, 16.9515



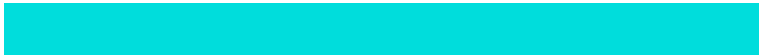
149.9920, 51.7689, -131.5430

Square

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



171.6710, -81.6758, 16.9515



154.8070, 32.1401, -135.7657



166.0810, 43.8371, -60.5840



161.5340, -2.7283, 81.9697

Rectangle

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



171.6710, -81.6758, 16.9515



140.4720, -10.0927, -123.1939



166.0810, 43.8371, -60.5840



181.8700, 34.5741, 64.1350

Sweetspot

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



171.6710, -81.6758, 16.9515



243.3790, -31.7388, 6.6836



62.2120, -27.7125, 115.5781



122.5710, -19.5085, 3.8842



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.



171.6710, -81.6758, 16.9515



222.0760, -109.4835, 22.7353



144.4620, -68.2618, -38.9932



95.8600, -4.3680, 0.9998



141.7490, -69.8823, 14.2521



29.2380, -14.4143, 3.2993

Inverse Universe

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



28.3290, 81.6758, -16.9515



29.9240, 109.4835, -22.7353



55.5380, 68.2618, 38.9932



88.1400, 4.3680, -0.9998



19.2510, 69.8823, -14.2521



4.0610, 14.2669, -2.6845

Previews

White Background



This preview shows how the YUV color 171.6710, -81.6758, 16.9515 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 171.6710, -81.6758, 16.9515 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 171.6710, -81.6758, 16.9515

Background



This preview shows how black text looks on a background with the YUV color 171.6710, -81.6758, 16.9515.



This preview shows how white text looks on a background with the YUV color 171.6710, -81.6758, 16.9515.

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

171.6710, -81.6758, 16.9515

Protanopia

172.8580, -85.2190, 33.4505

Deuteranopia

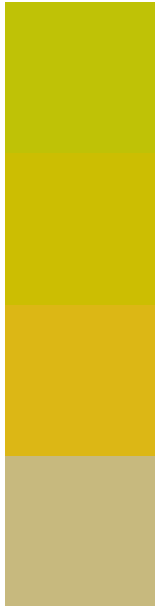
177.8830, -72.9063, 50.9686



Tritanopia

188.7720, 2.5774, 13.3550

Trichromacy



Original Color

171.6710, -81.6758, 16.9515

Protanomaly

172.7540, -84.1817, 27.4027

Deuteranomaly

175.5950, -76.2153, 38.9432

Tritanomaly

182.4600, -27.8348, 14.5056

Monochromacy



Original Color

171.6710, -81.6758, 16.9515

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9490, -29.5549, 6.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6710, -81.6758, 16.9515 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(191, 194, 6)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 6)  
}
```

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(191, 194, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 6) }
```

Border

The CSS property to change the border of an element to YUV 171.6710, -81.6758, 16.9515 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(191, 194, 6) }
```


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

```
.border{ border-color:rgb(191, 194, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 6);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 171.6710, -81.6758, 16.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 6) }
```

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

```
.background{ background-color: rgb(191,  
194, 6) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor