

Converting Colors

YUV(177.7700, -85.1756,
19.4957)

Have a look what the booklet for
YUV(177.7700, -85.1756, 19.4957)
contains.

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Color

**YUV(177.7700, -85.1756,
19.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C805
RGB	200, 200, 5
RGB Percent	78%, 78%, 2%
CMY	0.2157, 0.2157, 0.9804
CMYK	0.00, 0.00, 0.97, 0.22
HSL	60°, 95%, 40%
HSV	60°, 98%, 78%
XYZ	44.5011, 53.5989, 8.1437
YIQ	177.7700, 62.5950, -60.6450

Conversions

Conversions Part 2

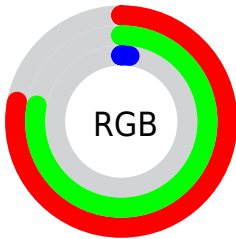
Format	Color
RYB	5, 200, 5
Decimal	13158405
CIELab	78.23, -17.90, 78.19
CIELCh	78, 80.218, 102.893
Yxy	53.5989, 0.4189, 0.5045
Android (android.graphics.Color)	4291348485 (0xFFC8C805)
YUV	177.7700, -85.1756, 19.4957
Hunter-Lab	73.2112, -19.6194, 44.6527

Details

The YUV color **177.7700, -85.1756, 19.4957** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **27.2300, 85.1756, -19.4957**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6200, -74.2557, 16.9963**, and **127.8610, -63.0355, 11.5229** is the 20% darker color. If you saturate the color by 10%, you get **177.2000, -87.3596, 19.9956**, and if you desaturate by 10%, it is **180.0500, -76.4396, 17.4962**.

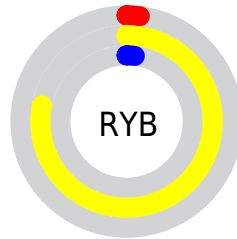
Distribution



Red (78%)

Green (78%)

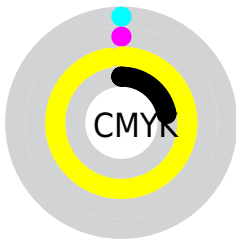
Blue (2%)



Red (2%)

Yellow (78%)

Blue (2%)

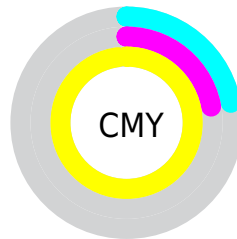


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7700, -85.1756, 19.4957 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 177.7700, -85.1756, 19.4957 by changing the saturation by 10% instead.

■ 177.7700,
-85.1756, 19.4957

■ 177.7700,
-85.1756, 19.4957

■ 255.0000, 0.0000,
0.0000

■ 152.3810,
-75.1238, 15.4519

■ 235.6200,
-74.2557, 16.9963

■ 127.8610,
-63.0355, 11.5229

■ 239.0400,
-61.1517, 13.9969

■ 104.8140,
-51.6733, 7.1791

■ 242.2320,
-48.9214, 11.1975

■ 81.7670, -40.3111,
2.8353

■ 245.5380,
-36.2542, 8.2982

■ 60.1930, -29.6751,
-1.9233

■ 248.8440,
-23.5871, 5.3988

■ 38.9180, -19.1866,
-6.0671

■ 252.2640,

■ 17.6100, -8.6817,

-10.4832, 2.3995

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 177.7700,
-85.1756, 19.4957

■ 177.7700,
-85.1756, 19.4957

■ 177.2000,
-87.3596, 19.9956

■ 180.0500,
-76.4396, 17.4962

■ 182.3300,
-67.7037, 15.4966

■ 184.6100,
-58.9677, 13.4970

■ 186.8900,
-50.2318, 11.4975

■ 189.1700,
-41.4958, 9.4979

■ 191.4500,
-32.7598, 7.4984

■ 193.7300,
-24.0239, 5.4988

■ 196.0100,
-15.2879, 3.4992

■ 198.2900, -6.5520,
1.4997

Harmonies

Analogous

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



182.1450, -73.5285, 63.8938



177.7700, -85.1756, 19.4957



170.3140, -46.9898, -48.5104

Triad

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



177.7700, -85.1756, 19.4957



161.1450, 46.2705, -141.3242



178.0400, 30.0533, 67.4939

Complementary

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



177.7700, -85.1756, 19.4957



27.2300, 85.1756, -19.4957

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.



193.5650, 30.2875, 38.9695



177.7700, -85.1756, 19.4957



154.6880, 49.4538, -135.6614

Square

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



177.7700, -85.1756, 19.4957



159.4860, 32.2984, -139.8692



168.9940, 42.4010, -66.6467



164.7940, -0.3914, 79.1107

Rectangle

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



177.7700, -85.1756, 19.4957



144.8090, -11.2448, -126.9975



168.9940, 42.4010, -66.6467



185.1470, 34.4375, 61.2611

Sweetspot

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



177.7700, -85.1756, 19.4957



246.5640, -32.3231, 7.3984



63.3050, -28.7444, 119.8815



122.8700, -19.6559, 4.4990



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.



177.7700, -85.1756, 19.4957



225.9300, -111.3835, 25.4944



148.7670, -70.8771, -40.1377



97.9740, -3.9312, 0.8998



144.4180, -71.1981, 16.2964



31.8960, -15.7247, 3.5992

Inverse Universe

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



27.2300, 85.1756, -19.4957



29.0700, 111.3835, -25.4944



56.5320, 70.7297, 40.7524



91.0260, 3.9312, -0.8998



18.5820, 71.1981, -16.2964



4.1040, 15.7247, -3.5992

Previews

White Background



This preview shows how the YUV color 177.7700, -85.1756, 19.4957 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 177.7700, -85.1756, 19.4957 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 177.7700, -85.1756, 19.4957

Background



This preview shows how black text looks on a background with the YUV color 177.7700, -85.1756, 19.4957.

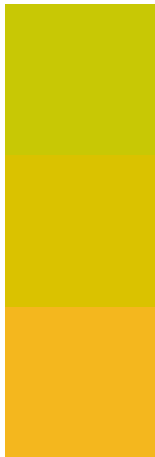


This preview shows how white text looks on a background with the YUV color 177.7700, -85.1756, 19.4957.

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

177.7700, -85.1756, 19.4957

Protanopia

179.0600, -88.2766, 34.1504

Deuteranopia

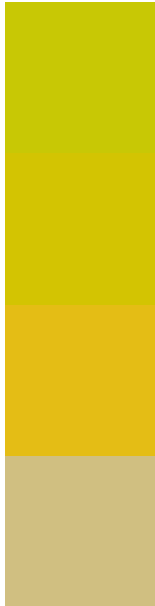
183.7970, -75.8219, 52.7980



Tritanopia

195.6690, 2.1352, 15.1993

Trichromacy



Original Color

177.7700, -85.1756, 19.4957

Protanomaly

178.3690, -86.9499, 28.6174

Deuteranomaly

181.5090, -79.1309, 40.7726

Tritanomaly

189.0150, -29.5874, 16.6498

Monochromacy



Original Color

177.7700, -85.1756, 19.4957

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9060, -31.0127, 7.0984

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7700, -85.1756, 19.4957 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, 200, 5)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 5)  
}
```

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, 200, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 5) }
```

Border

The CSS property to change the border of an element to YUV 177.7700, -85.1756, 19.4957 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, 200, 5) }
```


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

```
.border{ border-color:rgb(200, 200, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 5);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 177.7700, -85.1756, 19.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 5) }
```

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

```
.background{ background-color: rgb(200,  
200, 5) }
```

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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