

Converting Colors

YUV(172.7590, -85.1702,
17.7514)

Have a look what the booklet for
YUV(172.7590, -85.1702, 17.7514)
contains.

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Color

**YUV(172.7590, -85.1702,
17.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C400
RGB	193, 196, 0
RGB Percent	76%, 77%, 0%
CMY	0.2431, 0.2314, 1.0000
CMYK	0.02, 0.00, 1.00, 0.23
HSL	61°, 100%, 38%
HSV	61°, 100%, 77%
XYZ	41.7322, 50.8173, 7.6092
YIQ	172.7590, 61.1280, -61.5920

Conversions

Conversions Part 2

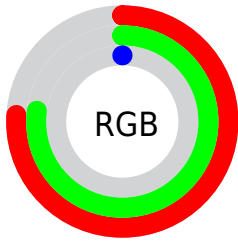
Format	Color
RYB	0, 196, 3
Decimal	12698624
CIELab	76.57, -18.97, 77.22
CIELCh	77, 79.517, 103.805
Yxy	50.8173, 0.4167, 0.5074
Android (android.graphics.Color)	4290888704 (0xFFC1C400)
YUV	172.7590, -85.1702, 17.7514
Hunter-Lab	71.2863, -20.2539, 43.5717

Details

The YUV color **172.7590, -85.1702, 17.7514** 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 **23.2410, 85.1702, -17.7514**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0330, -73.9663, 17.5111**, and **124.3060, -61.2829, 9.3786** is the 20% darker color. If you saturate the color by 10%, you get **172.7590, -85.1702, 17.7514**, and if you desaturate by 10%, it is **175.0390, -76.4342, 15.7518**.

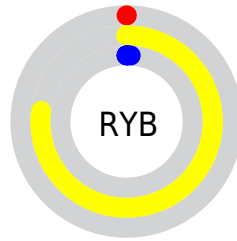
Distribution



Red (76%)

Green (77%)

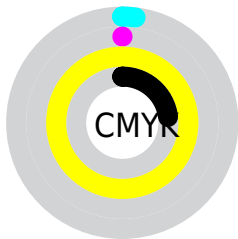
Blue (0%)



Red (0%)

Yellow (77%)

Blue (1%)

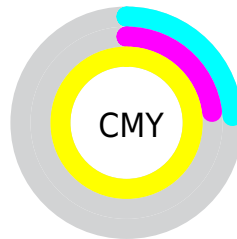


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7590, -85.1702, 17.7514 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 172.7590, -85.1702, 17.7514 by changing the saturation by 10% instead.

■ 172.7590,
-85.1702, 17.7514

■ 172.7590,
-85.1702, 17.7514

■ 255.0000, 0.0000,
0.0000

■ 148.2390,
-73.0818, 13.8224

■ 233.0330,
-73.9663, 17.5111

■ 124.3060,
-61.2829, 9.3786

■ 238.6980,
-62.4621, 14.2969

■ 100.6720,
-49.6313, 5.5497

■ 242.0040,
-49.7950, 11.3975

■ 78.2120, -38.5585,
0.6911

■ 245.3100,
-37.1278, 8.4981

■ 56.0510, -27.6331,
-3.5527

■ 248.6160,
-24.4607, 5.5988

■ 35.3630, -17.4340,
-8.2114

■ 251.9220,

■ 16.4360, -8.1029,

-11.7935, 2.6994

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 172.7590,
-85.1702, 17.7514

■ 175.0390,
-76.4342, 15.7518

■ 177.5040,
-68.2825, 14.4670

■ 179.7840,
-59.5465, 12.4674

■ 181.9500,
-51.2473, 10.5679

■ 184.5290,
-42.6588, 9.1831

■ 186.8090,
-33.9228, 7.1835

■ 188.9750,
-25.6237, 5.2839

■ 191.2550,
-16.8877, 3.2844

■ 193.7200, -8.7360,
1.9996

Harmonies

Analogous

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



179.7000, -75.2811, 66.0381



172.7590, -85.1702, 17.7514



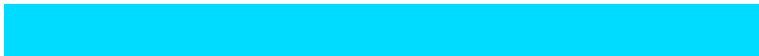
165.0580, -45.3846, -50.0399

Triad

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



172.7590, -85.1702, 17.7514



158.2100, 47.7175, -138.7502



174.3070, 28.4426, 70.7678

Complementary

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



172.7590, -85.1702, 17.7514



23.2410, 85.1702, -17.7514

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.



189.7330, 32.1766, 39.6992



172.7590, -85.1702, 17.7514



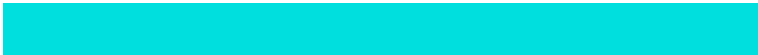
151.1660, 51.1902, -132.5726

Square

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



172.7590, -85.1702, 17.7514



156.2090, 32.4350, -136.9953



166.9560, 43.4057, -62.2284



162.3490, -2.1441, 81.2549

Rectangle

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



172.7590, -85.1702, 17.7514



142.2330, -10.9609, -124.7383



166.9560, 43.4057, -62.2284



182.2120, 35.8845, 63.8351

Sweetspot

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



172.7590, -85.1702, 17.7514



246.0370, -33.0492, 6.9836



58.6040, -28.8918, 120.4963



122.4570, -19.9453, 3.9842



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.



172.7590, -85.1702, 17.7514



224.7340, -110.7939, 23.0353



144.3540, -71.1665, -40.6525



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.



23.2410, 85.1702, -17.7514



30.2660, 110.7939, -23.0353



51.6460, 71.1665, 40.6525



88.1400, 4.3680, -0.9998



18.9520, 70.0297, -14.8669



4.0610, 14.2669, -2.6845

Previews

White Background



This preview shows how the YUV color 172.7590, -85.1702, 17.7514 looks on a white background.

Color Contrast Check

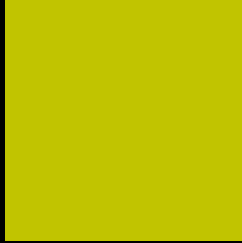
Large Text (above 18pt) WCAG AA × Fail

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 172.7590, -85.1702, 17.7514 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 172.7590, -85.1702, 17.7514 Background



This preview shows how black text looks on a background with the YUV color 172.7590, -85.1702, 17.7514.



This preview shows how white text looks on a background with the YUV color 172.7590, -85.1702, 17.7514.

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



Protanopia

174.6300, -86.0926, 33.6505

Deuteranopia

179.6550, -73.7799, 51.1686

Tritanopia

190.7720, 2.5774, 13.3550

Trichromacy



Protanomaly

174.2980, -85.9289, 27.8027

Deuteranomaly

177.1390, -77.9625, 39.3431

Tritanomaly

184.1180, -29.1452, 14.8055

Monochromacy



Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6070, -30.8653, 6.4837

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7590, -85.1702, 17.7514 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(193, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 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(193, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 0) }
```

Border

The CSS property to change the border of an element to YUV 172.7590, -85.1702, 17.7514 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(193, 196, 0) }
```

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

```
.border{ border-color:rgb(193, 196, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 196, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 172.7590, -85.1702, 17.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 0) }
```

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

```
.background{ background-color: rgb(193,  
196, 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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