

Converting Colors

YUV(173.8010, -85.6839,
-4.2105)

Have a look what the booklet for
YUV(173.8010, -85.6839, -4.2105)
contains.

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Color

**YUV(173.8010, -85.6839,
-4.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D200
RGB	169, 210, 0
RGB Percent	66%, 82%, 0%
CMY	0.3373, 0.1765, 1.0000
CMYK	0.20, 0.00, 1.00, 0.18
HSL	72°, 100%, 41%
HSV	72°, 100%, 82%
XYZ	39.4088, 54.5282, 8.4479
YIQ	173.8010, 42.9740, -74.0020

Conversions

Conversions Part 2

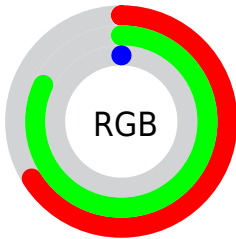
Format	Color
RYB	0, 210, 41
Decimal	11129344
CIELab	78.77, -35.65, 78.09
CIELCh	79, 85.843, 114.535
Yxy	54.5282, 0.3849, 0.5326
Android (android.graphics.Color)	4289319424 (0xFFA9D200)
YUV	173.8010, -85.6839, -4.2105
Hunter-Lab	73.8432, -33.9634, 44.9073

Details

The YUV color **173.8010, -85.6839, -4.2105** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **36.1990, 85.6839, 4.2105**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5470, -70.2757, 0.3973**, and **124.1740, -61.2178, -11.5536** is the 20% darker color. If you saturate the color by 10%, you get **173.8010, -85.6839, -4.2105**, and if you desaturate by 10%, it is **177.3910, -77.1008, -3.8509**.

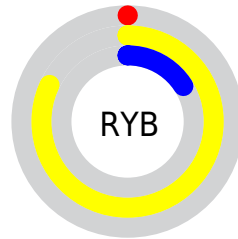
Distribution



Red (66%)

Green (82%)

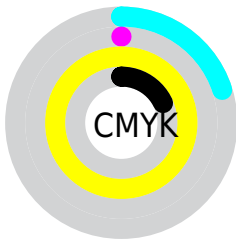
Blue (0%)



Red (0%)

Yellow (82%)

Blue (16%)

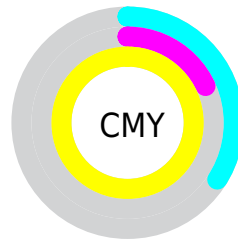


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (34%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8010, -85.6839, -4.2105 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 173.8010, -85.6839, -4.2105 by changing the saturation by 10% instead.

■ 173.8010,
-85.6839, -4.2105

■ 173.8010,
-85.6839, -4.2105

■ 255.0000, 0.0000,
0.0000

■ 148.6940,
-73.3061, -7.6246

■ 227.5470,
-70.2757, 0.3973

■ 124.1740,
-61.2178, -11.5536

■ 239.0400,
-61.1517, 13.9969

■ 100.5400,
-49.5662, -15.3826

■ 242.3460,
-48.4846, 11.0976

■ 77.1940, -38.0566,
-20.3411

■ 245.6520,
-35.8174, 8.1982

■ 52.6520, -25.9574,
-27.7588

■ 248.9580,
-23.1503, 5.2988

■ 32.8720, -16.2059,
-28.8287

■ 252.2640,

■ 21.1320, -10.4181,

-10.4832, 2.3995

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 173.8010,
-85.6839, -4.2105

■ 177.3910,
-77.1008, -3.8509

■ 180.9810,
-68.5176, -3.4913

■ 184.5710,
-59.9345, -3.1318

■ 188.1610,
-51.3514, -2.7722

■ 192.0500,
-42.9156, -1.7978

■ 195.6400,
-34.3325, -1.4383

■ 199.2300,
-25.7494, -1.0787

■ 202.8200,
-17.1663, -0.7191

■ 206.4100, -8.5831,
-0.3596

Harmonies

Analogous

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



182.4370, -89.9414, 54.8678



173.8010, -85.6839, -4.2105



153.4950, -28.3450, -102.1661

Triad

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



173.8010, -85.6839, -4.2105



161.1450, 46.2705, -141.3242



166.2710, 23.0374, 77.8153

Complementary

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



173.8010, -85.6839, -4.2105



36.1990, 85.6839, 4.2105

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.



188.6690, 32.7012, 58.1723



173.8010, -85.6839, -4.2105



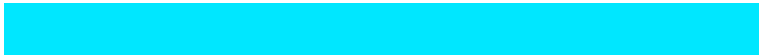
151.7530, 50.9008, -133.0874

Square

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



173.8010, -85.6839, -4.2105



164.6670, 44.5342, -144.4130



183.4670, 35.2658, -17.9496



161.3740, -13.4954, 82.1100

Rectangle

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



173.8010, -85.6839, -4.2105



151.4090, -1.1876, -132.7857



183.4670, 35.2658, -17.9496



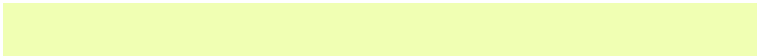
173.4580, 32.8052, 71.5123

Sweetspot

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



173.8010, -85.6839, -4.2105



241.8510, -30.9855, -1.6233



85.6830, -42.2417, 109.0260



120.0650, -18.7660, -0.9340



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.



173.8010, -85.6839, -4.2105



210.9800, -104.0131, -5.2445



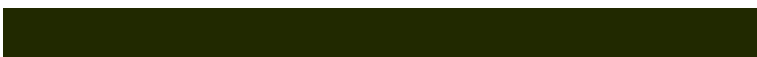
143.0040, -70.5010, -67.5325



103.1480, -4.5100, -0.1298



138.9810, -68.5176, -3.4913



33.9340, -16.7295, -0.8191

Inverse Universe

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



36.1990, 85.6839, 4.2105



44.0200, 104.0131, 5.2445



66.9960, 70.5010, 67.5325



95.8520, 4.5100, 0.1298



29.0190, 68.5176, 3.4913



7.0660, 16.7295, 0.8191

Previews

White Background



This preview shows how the YUV color 173.8010, -85.6839, -4.2105 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 173.8010, -85.6839, -4.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

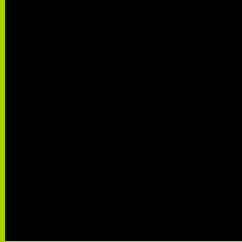
Any Text WCAG AA ✓ Pass

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 173.8010, -85.6839, -4.2105 Background



This preview shows how black text looks on a background with the YUV color 173.8010, -85.6839, -4.2105.



This preview shows how white text looks on a background with the YUV color 173.8010, -85.6839, -4.2105.

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

179.9460, -88.7134, 34.2504

Deuteranopia

185.5950, -72.7643, 52.0982

Tritanopia

194.1330, 8.3154, -7.1326

Trichromacy



Protanomaly

177.4990, -87.5070, 20.6104

Deuteranomaly

180.9100, -77.3566, 31.6509

Tritanomaly

186.4960, -25.8805, -5.6970

Monochromacy



Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8510, -30.9855, -1.6233

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8010, -85.6839, -4.2105 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(169, 210, 0)` looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 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(169, 210, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 0) }
```

Border

The CSS property to change the border of an element to YUV 173.8010, -85.6839, -4.2105 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(169, 210, 0) }
```

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

```
.border{ border-color:rgb(169, 210, 0) }
```

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

Here you see how a box with a 4 pixel rgb(169, 210, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 0);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 173.8010, -85.6839, -4.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 0) }
```

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

```
.background{ background-color: rgb(169,  
210, 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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