

Converting Colors

YUV(169.4480, -83.5379,
7.5001)

Have a look what the booklet for
YUV(169.4480, -83.5379, 7.5001)
contains.

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Color

**YUV(169.4480, -83.5379,
7.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C600
RGB	178, 198, 0
RGB Percent	70%, 78%, 0%
CMY	0.3020, 0.2235, 1.0000
CMYK	0.10, 0.00, 1.00, 0.22
HSL	66°, 100%, 39%
HSV	66°, 100%, 78%
XYZ	38.5542, 49.8531, 7.5906
YIQ	169.4480, 51.6380, -65.8180

Conversions

Conversions Part 2

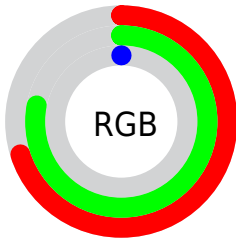
Format	Color
RYB	0, 198, 20
Decimal	11716096
CIELab	75.98, -26.34, 76.27
CIELCh	76, 80.691, 109.050
Yxy	49.8531, 0.4016, 0.5193
Android (android.graphics.Color)	4289906176 (0xFFB2C600)
YUV	169.4480, -83.5379, 7.5001
Hunter-Lab	70.6068, -26.0935, 43.0507

Details

The YUV color **169.4480, -83.5379, 7.5001** 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 **28.5520, 83.5379, -7.5001**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0100, -72.4759, 6.1302**, and **120.4080, -59.3611, -0.3578** is the 20% darker color. If you saturate the color by 10%, you get **169.4480, -83.5379, 7.5001**, and if you desaturate by 10%, it is **172.3260, -75.0967, 6.7301**.

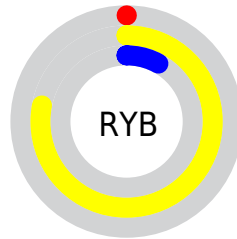
Distribution



Red (70%)

Green (78%)

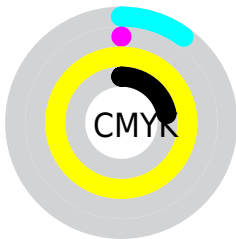
Blue (0%)



Red (0%)

Yellow (78%)

Blue (8%)

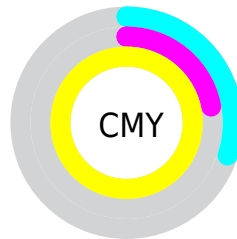


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4480, -83.5379, 7.5001 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 169.4480, -83.5379, 7.5001 by changing the saturation by 10% instead.

■ 169.4480,
-83.5379, 7.5001

■ 169.4480,
-83.5379, 7.5001

■ 255.0000, 0.0000,
0.0000

■ 144.9280,
-71.4495, 3.5711

■ 230.0100,
-72.4759, 6.1302

■ 120.4080,
-59.3611, -0.3578

■ 238.6980,
-62.4621, 14.2969

■ 97.6600, -48.1464,
-4.0868

■ 242.0040,
-49.7950, 11.3975

■ 74.6130, -36.7842,
-8.4306

■ 245.3100,
-37.1278, 8.4981

■ 52.1530, -25.7114,
-13.2892

■ 248.6160,
-24.4607, 5.5988

■ 29.9700, -14.7752,
-21.0217

■ 251.9220,

■ 17.0230, -8.3923,

-11.7935, 2.6994

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 169.4480,
-83.5379, 7.5001

■ 172.3260,
-75.0967, 6.7301

■ 175.2040,
-66.6556, 5.9601

■ 177.9680,
-58.6512, 5.2901

■ 180.8460,
-50.2101, 4.5201

■ 183.7240,
-41.7689, 3.7501

■ 186.6020,
-33.3278, 2.9800

■ 189.4800,
-24.8866, 2.2100

■ 192.2440,
-16.8823, 1.5400

■ 195.1220, -8.4411,
0.7700

Harmonies

Analogous

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



175.6920, -86.6162, 61.6601



169.4480, -83.5379, 7.5001



158.8970, -37.9102, -67.4387

Triad

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



169.4480, -83.5379, 7.5001



156.4490, 48.5856, -137.2058



168.6020, 24.3532, 75.7710

Complementary

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



169.4480, -83.5379, 7.5001



28.5520, 83.5379, -7.5001

Split Complementary

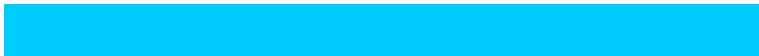
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188.6360, 32.7175, 52.9392



169.4480, -83.5379, 7.5001



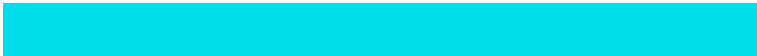
148.8180, 52.3477, -130.5134

Square

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



169.4480, -83.5379, 7.5001



156.9900, 37.9659, -137.6802



172.4150, 40.7144, -38.9520



160.0520, -8.4066, 83.2694

Rectangle

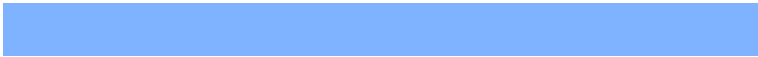
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.4480, -83.5379, 7.5001



142.9000, -5.8667, -125.3233



172.4150, 40.7144, -38.9520



176.0340, 32.5212, 69.2532

Sweetspot

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



169.4480, -83.5379, 7.5001



243.9440, -32.0174, 2.6801



70.9420, -34.9744, 111.4299



121.2610, -19.3557, 1.5251



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.



169.4480, -83.5379, 7.5001



218.1560, -107.5509, 9.5102



139.8470, -68.9446, -53.3628



97.6750, -3.7838, 0.2850



139.6340, -68.8396, 6.4600



30.7000, -15.1351, 1.1401

Inverse Universe

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



28.5520, 83.5379, -7.5001



36.8440, 107.5509, -9.5102



58.1530, 68.9446, 53.3628



91.3250, 3.7838, -0.2850



23.3660, 68.8396, -6.4600



5.3000, 15.1351, -1.1401

Previews

White Background



This preview shows how the YUV color 169.4480, -83.5379, 7.5001 looks on a white background.

Color Contrast Check

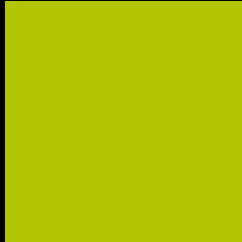
Large Text (above 18pt) WCAG AA × Fail

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 169.4480, -83.5379, 7.5001 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 169.4480, -83.5379, 7.5001

Background



This preview shows how black text looks on a background with the YUV color 169.4480, -83.5379, 7.5001.



This preview shows how white text looks on a background with the YUV color 169.4480, -83.5379, 7.5001.

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

173.4450, -85.5084, 32.9357

Deuteranopia

178.2250, -71.5959, 50.6687

Tritanopia

188.4010, 5.2253, 4.0333

Trichromacy



Protanomaly

172.2050, -84.8971, 23.4992

Deuteranomaly

175.2740, -76.0571, 34.8397

Tritanomaly

181.6330, -26.9341, 5.5839

Monochromacy



Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.4000, -30.2702, 2.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4480, -83.5379, 7.5001 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(178, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 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(178, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 0) }
```

Border

The CSS property to change the border of an element to YUV 169.4480, -83.5379, 7.5001 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(178, 198, 0) }
```

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

```
.border{ border-color:rgb(178, 198, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 198, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 169.4480, -83.5379, 7.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 0) }
```

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

```
.background{ background-color: rgb(178,  
198, 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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