

# Converting Colors

YUV(185.4650, -89.4622,  
-5.6698)

Have a look what the booklet for  
YUV(185.4650, -89.4622, -5.6698)  
contains.

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# Color

**YUV(185.4650, -89.4622,  
-5.6698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3E004
RGB	179, 224, 4
RGB Percent	70%, 88%, 2%
CMY	0.2980, 0.1216, 0.9843
CMYK	0.20, 0.00, 0.98, 0.12
HSL	72°, 96%, 45%
HSV	72°, 98%, 88%
XYZ	45.2680, 62.9038, 9.8706
YIQ	185.4650, 43.8000, -77.9600

# Conversions

## Conversions Part 2

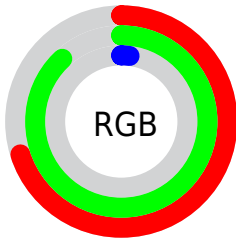
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 224, 49
Decimal	11788292
CIE <sub>Lab</sub>	83.39, -37.94, 81.52
CIE <sub>LCh</sub>	83, 89.918, 114.959
Yxy	62.9038, 0.3835, 0.5329
Android (android.graphics.Color)	4289978372 (0xFFB3E004)
YUV	185.4650, -89.4622, -5.6698
Hunter-Lab	79.3119, -36.9154, 48.1395

# Details

The YUV color **185.4650, -89.4622, -5.6698** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **42.5350, 89.4622, 5.6698**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2920, -70.1500, 6.7599**, and **135.3820, -66.7433, -12.6130** is the 20% darker color. If you saturate the color by 10%, you get **184.7100, -91.0620, -5.8847**, and if you desaturate by 10%, it is **189.4680, -80.5897, -4.7954**.

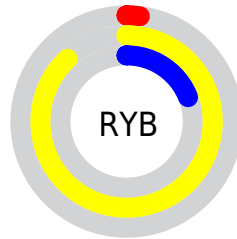
# Distribution



Red (70%)

Green (88%)

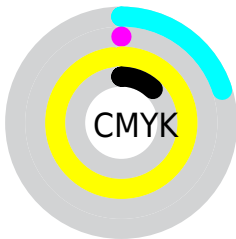
Blue (2%)



Red (2%)

Yellow (88%)

Blue (19%)

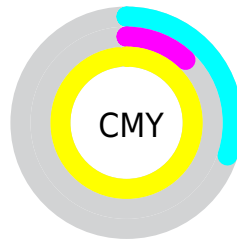


Cyan (20%)

Magenta (0%)

Yellow (98%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.4650, -89.4622, -5.6698 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 185.4650, -89.4622, -5.6698 by changing the saturation by 10% instead.



185.4650,  
-89.4622, -5.6698

185.4650,  
-89.4622, -5.6698

255.0000, 0.0000,  
0.0000

159.9020,  
-78.8317, -8.6841

231.2920,  
-70.1500, 6.7599

135.3820,  
-66.7433, -12.6130

239.4960,  
-59.4045, 13.5970

110.8620,  
-54.6550, -16.5420

242.8020,  
-46.7374, 10.6976

86.9290, -42.8560,  
-20.9857

246.2220,  
-33.6334, 7.6983

62.3870, -30.7568,  
-28.4034

249.5280,  
-20.9663, 4.7989

39.3290, -19.3892,  
-34.4915

252.9480, -7.8624,

26.4150, -13.0226,

1.7996

-23.1660

■ 11.7400, -5.7878,  
-10.2960

■ 0.0000, 0.0000,  
0.0000

■ 185.4650,  
-89.4622, -5.6698

■ 185.4650,  
-89.4622, -5.6698

■ 184.7100,  
-91.0620, -5.8847

■ 189.4680,  
-80.5897, -4.7954

■ 193.2860,  
-71.1330, -4.6358

■ 197.2890,  
-62.2605, -3.7615

■ 201.1070,  
-52.8038, -3.6018

■ 205.1100,  
-43.9312, -2.7275

■ 208.8140,  
-34.9113, -2.4679

■ 212.9310,  
-25.6020, -1.6935

■ 216.9340,  
-16.7295, -0.8191

■ 220.7520, -7.2727,  
-0.6595

# Harmonies

## Analogous

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



193.0580, -95.1776, 54.3231



185.4650, -89.4622, -5.6698



162.6140, -28.8967, -111.9175

# Triad

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



185.4650, -89.4622, -5.6698



169.9500, 41.9297, -149.0461



172.4490, 26.4006, 72.3972

# Complementary

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



185.4650, -89.4622, -5.6698



42.5350, 89.4622, 5.6698

# 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.



193.9520, 30.0967, 53.5391



185.4650, -89.4622, -5.6698



159.3840, 47.1387, -139.7798

# Square

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



185.4650, -89.4622, -5.6698



173.4720, 40.1933, -152.1349



194.3980, 29.8768, -16.1350



167.5690, -12.6055, 76.6770



# Rectangle

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



185.4650, -89.4622, -5.6698



161.5820, -0.2869, -141.7074



194.3980, 29.8768, -16.1350



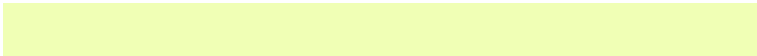
179.7500, 36.6053, 65.9943

# Sweetspot

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



185.4650, -89.4622, -5.6698



242.0790, -30.1119, -1.8233



95.6080, -45.1627, 112.5998



119.8800, -18.1818, -1.6488



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.



185.4650, -89.4622, -5.6698



210.3820, -103.7183, -6.4740



152.8740, -73.3949, -72.6805



110.1480, -4.5100, -0.1298



145.1720, -71.5698, -4.5358



39.8370, -19.6396, -0.7340



# Inverse Universe

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



42.5350, 89.4622, 5.6698



44.6180, 103.7183, 6.4740



75.1260, 73.3949, 72.6805



102.8520, 4.5100, 0.1298



30.8280, 71.5698, 4.5358



8.4620, 19.4922, 1.3488



# Previews

## White Background



This preview shows how the YUV color 185.4650, -89.4622, -5.6698 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 185.4650, -89.4622, -5.6698 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 185.4650, -89.4622, -5.6698 Background



This preview shows how black text looks on a background with the YUV color 185.4650, -89.4622, -5.6698.



This preview shows how white text looks on a background with the YUV color 185.4650, -89.4622, -5.6698.

-5.6698.

# 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

185.4650, -89.4622, -5.6698

### Protanopia

192.0620, -94.6866, 36.7796

### Deuteranopia

202.5030, -56.4500, 46.0399



## Tritanopia

206.9480, 8.8996, -7.8474

# Trichromacy



## Original Color

185.4650, -89.4622, -5.6698

## Protanomaly

189.7180, -93.0380, 21.2953

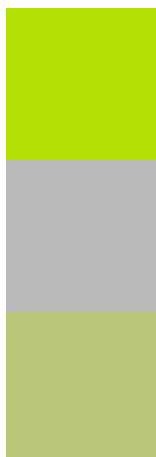
## Deuteranomaly

195.8800, -68.4678, 27.2922

## Tritanomaly

199.2570, -26.7487, -7.2414

# Monochromacy



## Original Color

185.4650, -89.4622, -5.6698

## Achromatopsia

185.0000, 0.0000, 0.0000

## Achromatomaly

185.0960, -32.5853, -1.8382

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.4650, -89.4622, -5.6698 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(179, 224, 4)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 4)  
}
```

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(179, 224, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 4) }
```

## Border

The CSS property to change the border of an element to YUV 185.4650, -89.4622, -5.6698 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(179, 224, 4) }
```



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

```
.border{ border-color:rgb(179, 224, 4) }
```

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

Here you see how a box with a 4 pixel rgb(179, 224, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 4);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
4) }
```

# Background

The CSS property to change the background color of an element to YUV 185.4650, -89.4622, -5.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 4) }
```

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

```
.background{ background-color: rgb(179,  
224, 4) }
```

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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