

Converting Colors

YUV(185.3080, -91.3568,
-4.6551)

Have a look what the booklet for
YUV(185.3080, -91.3568, -4.6551)
contains.

YUV(185.3080, -91.3568, -4.6551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.3080, -91.3568,
-4.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E000
RGB	180, 224, 0
RGB Percent	71%, 88%, 0%
CMY	0.2941, 0.1216, 1.0000
CMYK	0.20, 0.00, 1.00, 0.12
HSL	72°, 100%, 44%
HSV	72°, 100%, 88%
XYZ	45.4780, 63.0146, 9.7661
YIQ	185.3080, 45.6800, -78.9920

Conversions

Conversions Part 2

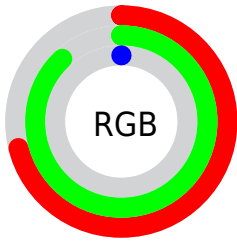
Format	Color
RYB	0, 224, 44
Decimal	11853824
CIELab	83.45, -37.59, 81.94
CIElCh	83, 90.151, 114.644
Yxy	63.0146, 0.3846, 0.5329
Android (android.graphics.Color)	4290043904 (0xFFB4E000)
YUV	185.3080, -91.3568, -4.6551
Hunter-Lab	79.3817, -36.6548, 48.2730

Details

The YUV color **185.3080, -91.3568, -4.6551** 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 **38.6920, 91.3568, 4.6551**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4770, -70.7342, 7.4747**, and **135.6810, -66.8907, -11.9982** is the 20% darker color. If you saturate the color by 10%, you get **185.3080, -91.3568, -4.6551**, and if you desaturate by 10%, it is **189.0120, -82.3369, -4.3955**.

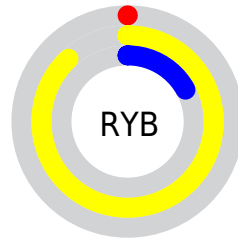
Distribution



Red (71%)

Green (88%)

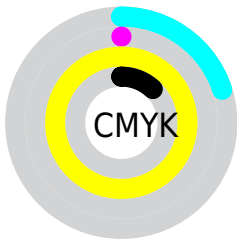
Blue (0%)



Red (0%)

Yellow (88%)

Blue (17%)

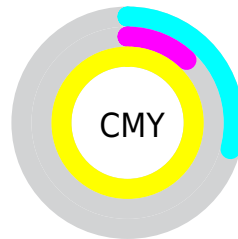


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (29%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3080, -91.3568, -4.6551 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 185.3080, -91.3568, -4.6551 by changing the saturation by 10% instead.

■ 185.3080,
-91.3568, -4.6551

■ 185.3080,
-91.3568, -4.6551

■ 255.0000, 0.0000,
0.0000

■ 160.2010,
-78.9791, -8.0693

■ 231.4770,
-70.7342, 7.4747

■ 135.6810,
-66.8907, -11.9982

■ 239.3820,
-59.8413, 13.6970

■ 111.1610,
-54.8024, -15.9272

■ 242.8020,
-46.7374, 10.6976

■ 87.2280, -43.0034,
-20.3710

■ 246.1080,
-34.0702, 7.7983

■ 62.9850, -31.0516,
-27.1738

■ 249.4140,
-21.4031, 4.8989

■ 39.3290, -19.3892,
-34.4915

■ 252.8340, -8.2992,

■ 26.4150, -13.0226,

1.8996

-23.1660

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 185.3080,
-91.3568, -4.6551

■ 189.0120,
-82.3369, -4.3955

■ 193.1290,
-73.0276, -3.6211

■ 196.8330,
-64.0077, -3.3615

■ 200.9500,
-54.6983, -2.5871

■ 204.6540,
-45.6784, -2.3276

■ 208.3580,
-36.6585, -2.0680

■ 212.4750,
-27.3492, -1.2936

■ 216.1790,
-18.3292, -1.0340

■ 220.2960, -9.0199,
-0.2596

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



185.3080, -91.3568, -4.6551



163.3970, -29.7757, -109.9732

Triad

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



185.3080, -91.3568, -4.6551



169.9500, 41.9297, -149.0461



172.5630, 26.8374, 72.2972

Complementary

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



185.3080, -91.3568, -4.6551



38.6920, 91.3568, 4.6551

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.



194.5390, 29.8073, 53.0243



185.3080, -91.3568, -4.6551



159.9710, 46.8493, -140.2946

Square

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



185.3080, -91.3568, -4.6551



174.0590, 39.9039, -152.6497



193.8000, 30.1716, -17.3646



167.6830, -12.1687, 76.5770

Rectangle

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



185.3080, -91.3568, -4.6551



161.4680, -0.7237, -141.6074



193.8000, 30.1716, -17.3646



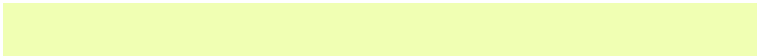
180.4510, 36.7527, 65.3795

Sweetspot

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



185.3080, -91.3568, -4.6551



241.8510, -30.9855, -1.6233



91.0430, -44.8842, 116.6033



119.7660, -18.6186, -1.5488



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.



185.3080, -91.3568, -4.6551



210.9800, -104.0131, -5.2445



152.7170, -75.2895, -71.6658



110.1480, -4.5100, -0.1298



145.4710, -71.7172, -3.9211



39.8370, -19.6396, -0.7340

Inverse Universe

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



38.6920, 91.3568, 4.6551



44.0200, 104.0131, 5.2445



71.2830, 75.2895, 71.6658



102.8520, 4.5100, 0.1298



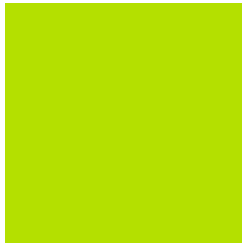
30.5290, 71.7172, 3.9211



8.4620, 19.4922, 1.3488

Previews

White Background



This preview shows how the YUV color 185.3080, -91.3568, -4.6551 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 185.3080, -91.3568, -4.6551 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 185.3080, -91.3568, -4.6551 Background



This preview shows how black text looks on a background with the YUV color 185.3080, -91.3568, -4.6551.



This preview shows how white text looks on a background with the YUV color 185.3080, -91.3568, -4.6551.

-4.6551.

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

185.3080, -91.3568, -4.6551

Protanopia

192.0620, -94.6866, 36.7796

Deuteranopia

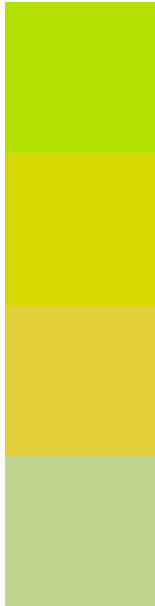
202.6170, -56.0132, 45.9399



Tritanopia

207.2470, 8.7522, -7.2326

Trichromacy



Original Color

185.3080, -91.3568, -4.6551

Protanomaly

189.6040, -93.4748, 21.3953

Deuteranomaly

196.1790, -68.6152, 27.9070

Tritanomaly

199.3280, -27.7697, -6.4267

Monochromacy



Original Color

185.3080, -91.3568, -4.6551

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9820, -33.0221, -1.7382

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3080, -91.3568, -4.6551 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(180, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 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(180, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 0) }
```

Border

The CSS property to change the border of an element to YUV 185.3080, -91.3568, -4.6551 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(180, 224, 0) }
```


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

```
.border{ border-color:rgb(180, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(180, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 185.3080, -91.3568, -4.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 0) }
```

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

```
.background{ background-color: rgb(180,  
224, 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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