

Converting Colors

YUV(186.9110, -72.4271,
-9.5689)

Have a look what the booklet for
YUV(186.9110, -72.4271, -9.5689)
contains.

YUV(186.9110, -72.4271, -9.5689)	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(186.9110, -72.4271,
-9.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DD28
RGB	176, 221, 40
RGB Percent	69%, 87%, 16%
CMY	0.3098, 0.1333, 0.8431
CMYK	0.20, 0.00, 0.82, 0.13
HSL	75°, 73%, 51%
HSV	75°, 82%, 87%
XYZ	44.1440, 61.0962, 11.4736
YIQ	186.9110, 31.2810, -65.8310

Conversions

Conversions Part 2

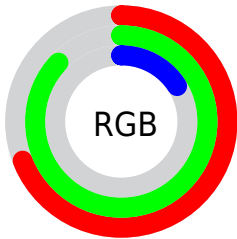
Format	Color
RYB	40, 221, 85
Decimal	11590952
CIELab	82.43, -37.06, 75.24
CIELCh	82, 83.872, 116.221
Yxy	61.0962, 0.3782, 0.5235
Android (android.graphics.Color)	4289781032 (0xFFB0DD28)
YUV	186.9110, -72.4271, -9.5689
Hunter-Lab	78.1641, -35.9774, 46.0117

Details

The YUV color **186.9110, -72.4271, -9.5689** 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 **74.0890, 72.4271, 9.5689**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6920, -63.4452, 2.9011**, and **132.7240, -65.4329, -12.9129** is the 20% darker color. If you saturate the color by 10%, you get **182.9080, -81.2996, -10.4433**, and if you desaturate by 10%, it is **190.9140, -63.5546, -8.6946**.

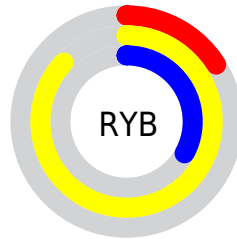
Distribution



Red (69%)

Green (87%)

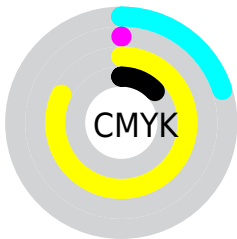
Blue (16%)



Red (16%)

Yellow (87%)

Blue (33%)

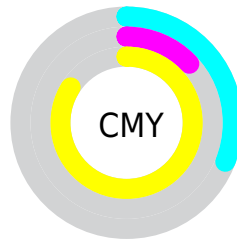


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9110, -72.4271, -9.5689 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 186.9110, -72.4271, -9.5689 by changing the saturation by 10% instead.

■ 186.9110,
-72.4271, -9.5689

■ 186.9110,
-72.4271, -9.5689

■ 255.0000, 0.0000,
0.0000

■ 157.2440,
-77.5213, -8.9840

■ 231.6920,
-63.4452, 2.9011

■ 132.7240,
-65.4329, -12.9129

■ 240.9780,
-53.7262, 12.2973

■ 108.5030,
-53.4920, -16.2271

■ 244.2840,
-41.0590, 9.3979

■ 85.4560, -42.1298,
-20.5709

■ 247.5900,
-28.3919, 6.4986

■ 61.2130, -30.1780,
-27.3738

■ 250.8960,
-15.7247, 3.5992

■ 38.1550, -18.8104,
-33.4619

■ 254.3160, -2.6208,

■ 25.2410, -12.4438,

0.5999

-22.1364

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 186.9110,
-72.4271, -9.5689

■ 186.9110,
-72.4271, -9.5689

■ 182.9080,
-81.2996, -10.4433

■ 190.9140,
-63.5546, -8.6946

■ 179.3610,
-88.4250, -11.7176

■ 195.2160,
-54.8295, -7.2054

■ 199.2190,
-45.9570, -6.3311

■ 203.5210,
-37.2319, -4.8419

■ 207.6380,
-27.9225, -4.0675

■ 211.9400,
-19.1974, -2.5784

■ 215.9430,
-10.3249, -1.7040

■ 220.2450, -1.5998,
-0.2149

■ 224.2480, 7.2727,
0.6595

Harmonies

Analogous

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



191.8020, -93.5724, 52.7936



186.9110, -72.4271, -9.5689



165.9620, -26.6033, -100.8217

Triad

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



186.9110, -72.4271, -9.5689



167.0150, 43.3766, -146.4722



175.7600, 21.3173, 69.4935

Complementary

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



186.9110, -72.4271, -9.5689



74.0890, 72.4271, 9.5689

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



186.9110, -72.4271, -9.5689



156.4490, 48.5856, -137.2058

Square

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



186.9110, -72.4271, -9.5689



170.5370, 41.6403, -149.5609



194.7410, 29.7077, -8.5429



171.4500, -15.5048, 73.2734

Rectangle

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



186.9110, -72.4271, -9.5689



159.6900, 2.6178, -140.0481



194.7410, 29.7077, -8.5429



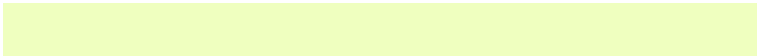
181.6590, 31.2271, 64.3201

Sweetspot

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



186.9110, -72.4271, -9.5689



242.9200, -25.5966, -3.4378



118.7730, -38.8351, 89.6531



120.5640, -15.5611, -2.2486



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.



186.9110, -72.4271, -9.5689



207.9620, -100.0603, -13.1217



160.5990, -59.4553, -63.6693



107.8490, -4.3626, -0.7446



140.4210, -69.2276, -9.1392



37.1680, -18.3238, -2.7783

Inverse Universe

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



74.0890, 72.4271, 9.5689



52.0380, 100.0603, 13.1217



100.4010, 59.4553, 63.6693



100.8520, 4.5100, 0.1298



32.5790, 69.2276, 9.1392



8.5330, 18.4712, 2.1636

Previews

White Background



This preview shows how the YUV color 186.9110, -72.4271, -9.5689 looks on a white background.

Color Contrast Check

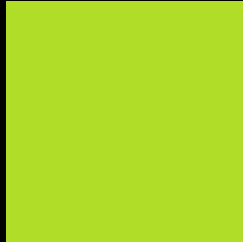
Large Text (above 18pt) WCAG AA × Fail

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 186.9110, -72.4271, -9.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

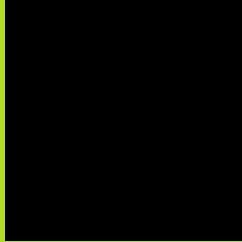
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.9110, -72.4271, -9.5689

Background



This preview shows how black text looks on a background with the YUV color 186.9110, -72.4271, -9.5689.



This preview shows how white text looks on a background with the YUV color 186.9110, -72.4271, -9.5689.

-9.5689.

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

186.9110, -72.4271, -9.5689

Protanopia

193.2090, -77.5040, 32.2657

Deuteranopia

197.9890, -63.5916, 49.9986



Tritanopia

204.2360, 8.7577, -8.9770

Trichromacy



Original Color

186.9110, -72.4271, -9.5689

Protanomaly

190.8650, -75.8554, 16.7814

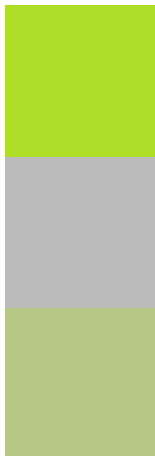
Deuteranomaly

193.9340, -67.0155, 28.1219

Tritanomaly

197.5540, -20.4861, -9.2559

Monochromacy



Original Color

186.9110, -72.4271, -9.5689

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8060, -26.0334, -3.3379

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9110, -72.4271, -9.5689 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(176, 221, 40)` looks like.

```
.text, #text, p{  
    color:rgb(176, 221, 40)  
}
```

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(176, 221, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 221, 40) }
```

Border

The CSS property to change the border of an element to YUV 186.9110, -72.4271, -9.5689 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(176, 221, 40) }
```


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

```
.border{ border-color:rgb(176, 221, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 221, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 221, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 221, 40);  
box-shadow:4px 4px 4px 4px rgb(176, 221,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 186.9110, -72.4271, -9.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 221, 40) }
```

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

```
.background{ background-color: rgb(176,  
221, 40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor