

Converting Colors

YUV(175.3000, -62.2659,
-2.0171)

Have a look what the booklet for
YUV(175.3000, -62.2659, -2.0171)
contains.

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Color

**YUV(175.3000, -62.2659,
-2.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC931
RGB	173, 201, 49
RGB Percent	68%, 79%, 19%
CMY	0.3216, 0.2118, 0.8078
CMYK	0.14, 0.00, 0.76, 0.21
HSL	71°, 61%, 49%
HSV	71°, 76%, 79%
XYZ	38.6746, 50.8793, 10.6880
YIQ	175.3000, 32.1040, -53.2080

Conversions

Conversions Part 2

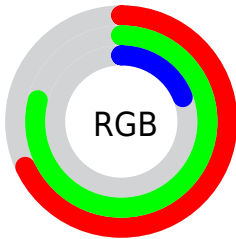
Format	Color
RYB	49, 201, 77
Decimal	11389233
CIELab	76.61, -28.65, 67.41
CIElCh	77, 73.244, 113.030
Yxy	50.8793, 0.3858, 0.5076
Android (android.graphics.Color)	4289579313 (0xFFADC931)
YUV	175.3000, -62.2659, -2.0171
Hunter-Lab	71.3297, -28.0452, 41.0468

Details

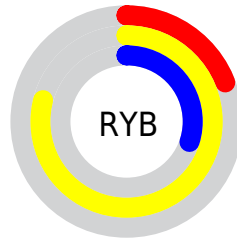
The YUV color **175.3000, -62.2659, -2.0171** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **74.7000, 62.2659, 2.0171**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2510, -61.2557, 0.6569**, and **120.9730, -59.6397, -4.3613** is the 20% darker color. If you saturate the color by 10%, you get **171.8240, -70.4122, -2.4766**, and if you desaturate by 10%, it is **178.7760, -54.1196, -1.5576**.

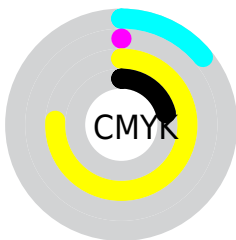
Distribution



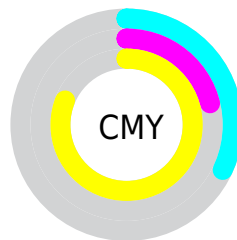
- Red (68%)
- Green (79%)
- Blue (19%)



- Red (19%)
- Yellow (79%)
- Blue (30%)



- Cyan (14%)
- Magenta (0%)
- Yellow (76%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3000, -62.2659, -2.0171 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 175.3000, -62.2659, -2.0171 by changing the saturation by 10% instead.

■ 175.3000,
-62.2659, -2.0171

■ 175.3000,
-62.2659, -2.0171

■ 255.0000, 0.0000,
0.0000

■ 146.1770,
-69.1073, -1.0322

■ 231.2510,
-61.2557, 0.6569

■ 120.9730,
-59.6397, -4.3613

■ 241.3200,
-52.4158, 11.9974

■ 97.6380, -48.1355,
-7.5755

■ 244.5120,
-40.1854, 9.1980

■ 74.8900, -36.9208,
-11.3045

■ 247.7040,
-27.9551, 6.3986

■ 52.1310, -25.7006,
-16.7779

■ 251.0100,
-15.2879, 3.4992

■ 29.6490, -14.6170,
-25.1252

■ 254.4300, -2.1840,

■ 18.1970, -8.9711,

0.4999

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 175.3000,
-62.2659, -2.0171

■ 175.3000,
-62.2659, -2.0171

■ 171.8240,
-70.4122, -2.4766

■ 178.7760,
-54.1196, -1.5576

■ 168.6470,
-78.7060, -2.3214

■ 181.9530,
-45.8258, -1.7128

■ 167.0230,
-82.3423, -2.6512

■ 185.4290,
-37.6795, -1.2532

■ 188.9050,
-29.5332, -0.7937

■ 192.4950,
-20.9500, -0.4341

■ 195.6720,
-12.6563, -0.5893

■ 199.1480, -4.5100,
-0.1298

■ 202.6240, 3.6364,
0.3298

■ 205.8010, 11.9301,
0.1745

Harmonies

Analogous

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



180.8550, -70.4275, 49.2392



175.3000, -62.2659, -2.0171



162.1770, -29.1743, -69.4382

Triad

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



175.3000, -62.2659, -2.0171



155.8620, 48.8750, -136.6910



173.9190, 16.8019, 71.1080

Complementary

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



175.3000, -62.2659, -2.0171



74.7000, 62.2659, 2.0171

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.



192.1910, 30.9648, 55.0835



175.3000, -62.2659, -2.0171



147.0570, 53.2159, -128.9690

Square

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



175.3000, -62.2659, -2.0171



157.0870, 40.8761, -137.7653



181.3960, 36.2868, -18.7643



167.9280, -13.7685, 76.3621

Rectangle

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



175.3000, -62.2659, -2.0171



145.3110, 0.8327, -127.4377



181.3960, 36.2868, -18.7643



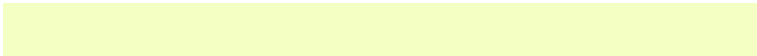
179.3620, 24.9645, 66.3345

Sweetspot

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



175.3000, -62.2659, -2.0171



244.9850, -24.1496, -0.8638



110.8840, -30.5088, 79.0317



121.8030, -14.6929, -0.7042



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.



175.3000, -62.2659, -2.0171



215.6950, -94.9986, -3.2405



152.5760, -51.0630, -48.7402



97.6750, -3.7838, 0.2850



135.4480, -66.7759, -2.1469



29.8030, -14.6929, -0.7042

Inverse Universe

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



74.7000, 62.2659, 2.0171



62.3050, 94.9986, 3.2405



97.4240, 51.0630, 48.7402



91.3250, 3.7838, -0.2850



27.5520, 66.7759, 2.1469



6.1970, 14.6929, 0.7042

Previews

White Background



This preview shows how the YUV color 175.3000, -62.2659, -2.0171 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 175.3000, -62.2659, -2.0171 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 175.3000, -62.2659, -2.0171 Background



This preview shows how black text looks on a background with the YUV color 175.3000, -62.2659, -2.0171.



This preview shows how white text looks on a background with the YUV color 175.3000, -62.2659, -2.0171.

-2.0171.

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

175.3000, -62.2659, -2.0171

Protanopia

179.5750, -65.8525, 28.4367

Deuteranopia

182.3630, -60.8180, 47.0396



Tritanopia

189.0090, 6.4046, -0.8849

Trichromacy



Original Color

175.3000, -62.2659, -2.0171

Protanomaly

177.8510, -64.5095, 17.6707

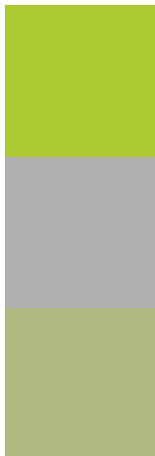
Deuteranomaly

179.7260, -61.4899, 29.1813

Tritanomaly

184.0650, -18.7660, -0.9340

Monochromacy



Original Color

175.3000, -62.2659, -2.0171

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7400, -22.5498, -0.6490

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3000, -62.2659, -2.0171 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(173, 201, 49)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 49)  
}
```

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(173, 201, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 49) }
```

Border

The CSS property to change the border of an element to YUV 175.3000, -62.2659, -2.0171 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(173, 201, 49) }
```


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

```
.border{ border-color:rgb(173, 201, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 201, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 49);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 175.3000, -62.2659, -2.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 49) }
```

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

```
.background{ background-color: rgb(173,  
201, 49) }
```

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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