

Converting Colors

YUV(155.9250, -73.4200,
29.0068)

Have a look what the booklet for
YUV(155.9250, -73.4200, 29.0068)
contains.

YUV(155.9250, -73.4200, 29.0068)	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(155.9250, -73.4200,
29.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA807
RGB	189, 168, 7
RGB Percent	74%, 66%, 3%
CMY	0.2588, 0.3412, 0.9725
CMYK	0.00, 0.11, 0.96, 0.26
HSL	53°, 93%, 38%
HSV	53°, 96%, 74%
XYZ	35.0272, 38.8394, 5.8516
YIQ	155.9250, 64.1970, -45.6190

Conversions

Conversions Part 2

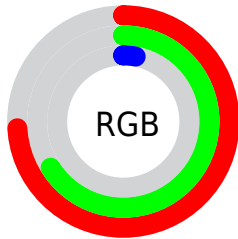
Format	Color
R _Y B	31, 189, 7
Decimal	12429319
CIE Lab	68.63, -6.33, 70.45
CIE LCh	69, 70.731, 95.134
Yxy	38.8394, 0.4394, 0.4872
Android (android.graphics.Color)	4290619399 (0xFFBDA807)
YUV	155.9250, -73.4200, 29.0068
Hunter-Lab	62.3213, -8.7375, 38.0579

Details

The YUV color **155.9250, -73.4200, 29.0068** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **40.0750, 73.4200, -29.0068**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3580, -66.7315, 30.3810**, and **107.2610, -52.8797, 20.8191** is the 20% darker color. If you saturate the color by 10%, you get **154.5400, -76.1882, 30.2214**, and if you desaturate by 10%, it is **159.2650, -65.6996, 26.0776**.

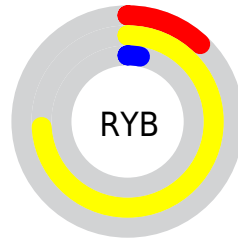
Distribution



Red (74%)

Green (66%)

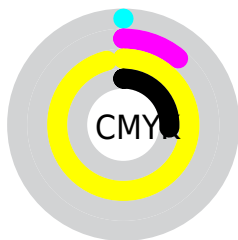
Blue (3%)



Red (12%)

Yellow (74%)

Blue (3%)

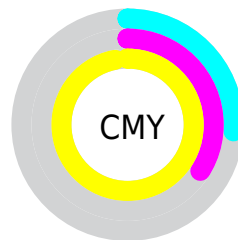


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9250, -73.4200, 29.0068 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 155.9250, -73.4200, 29.0068 by changing the saturation by 10% instead.

■ 155.9250,
-73.4200, 29.0068

■ 155.9250,
-73.4200, 29.0068

■ 255.0000, 0.0000,
0.0000

■ 131.1940,
-64.6786, 25.2629

■ 214.3580,
-66.7315, 30.3810

■ 107.2610,
-52.8797, 20.8191

■ 235.7800,
-63.4885, 16.8559

■ 84.8010, -41.8069,
15.9605

■ 241.3200,
-52.4158, 11.9974

■ 62.9280, -31.0235,
10.5871

■ 244.6260,
-39.7486, 9.0980

■ 42.2400, -20.8243,
5.9285

■ 247.8180,
-27.5183, 6.2986

■ 23.3240, -11.4987,
1.4699

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.5440, -1.7472,
0.3999

■ 155.9250,
-73.4200, 29.0068

■ 155.9250,
-73.4200, 29.0068

■ 154.5400,
-76.1882, 30.2214

■ 159.2650,
-65.6996, 26.0776

■ 162.6050,
-57.9793, 23.1484

■ 166.5320,
-50.5483, 19.7044

■ 169.8720,
-42.8279, 16.7753

■ 173.2120,
-35.1075, 13.8461

■ 176.4380,
-27.8239, 11.0169

■ 179.7780,
-20.1036, 8.0877

■ 183.1180,
-12.3832, 5.1585

■ 187.0450, -4.9522,
1.7145

Harmonies

Analogous

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



161.6030, -57.9783, 69.6312



155.9250, -73.4200, 29.0068



150.3000, -48.9549, -24.8191

Triad

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



155.9250, -73.4200, 29.0068



142.4120, 48.1109, -124.8953



169.6340, 25.8164, 73.1120

Complementary

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



155.9250, -73.4200, 29.0068



40.0750, 73.4200, -29.0068

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.



168.9020, 42.4463, 12.3639



155.9250, -73.4200, 29.0068



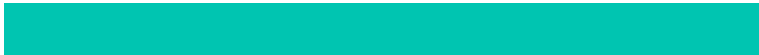
139.4260, 56.9780, -122.2766

Square

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



155.9250, -73.4200, 29.0068



135.8170, 20.3032, -119.1115



129.4470, 61.8976, -113.5250



154.8320, 2.0548, 87.8473

Rectangle

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



155.9250, -73.4200, 29.0068



137.9250, -23.6270, -75.3562



129.4470, 61.8976, -113.5250



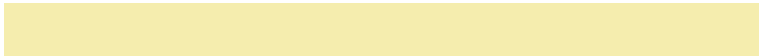
171.5160, 34.7486, 54.7985

Sweetspot

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



155.9250, -73.4200, 29.0068



232.2100, -28.6975, 11.2168



63.8120, -17.6553, 109.7899



114.2770, -16.8986, 6.7731



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.9250, -73.4200, 29.0068



200.6340, -98.9126, 38.9090



147.3220, -69.1787, -24.8384



92.3870, -3.6418, 1.4146



129.4220, -63.8050, 25.0629



25.1180, -12.3832, 5.1585

Inverse Universe

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



40.0750, 73.4200, -29.0068



44.3660, 98.9126, -38.9090



48.6780, 69.1787, 24.8384



86.6130, 3.6418, -1.4146



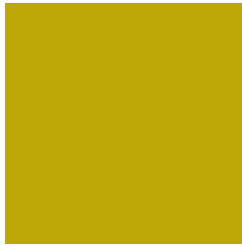
28.5780, 63.8050, -25.0629



5.8820, 12.3832, -5.1585

Previews

White Background



This preview shows how the YUV color 155.9250, -73.4200, 29.0068 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 155.9250, -73.4200, 29.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

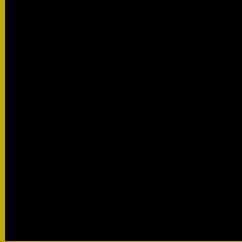
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.9250, -73.4200, 29.0068

Background



This preview shows how black text looks on a background with the YUV color 155.9250, -73.4200, 29.0068.



This preview shows how white text looks on a background with the YUV color 155.9250, -73.4200, 29.0068.

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

155.9250, -73.4200, 29.0068

Protanopia

155.9250, -73.4200, 29.0068

Deuteranopia

159.2290, -67.6539, 46.2802



Tritanopia

170.2250, -1.0969, 25.2357

Trichromacy



Original Color

155.9250, -73.4200, 29.0068

Protanomaly

155.9250, -73.4200, 29.0068

Deuteranomaly

158.0280, -69.5268, 40.3174

Tritanomaly

164.6510, -27.4359, 26.6161

Monochromacy



Original Color

155.9250, -73.4200, 29.0068

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7800, -26.5135, 10.7169

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9250, -73.4200, 29.0068 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(189, 168, 7)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 7)  
}
```

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(189, 168, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 7) }
```

Border

The CSS property to change the border of an element to YUV 155.9250, -73.4200, 29.0068 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(189, 168, 7) }
```


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

```
.border{ border-color:rgb(189, 168, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 7);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 155.9250, -73.4200, 29.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 7) }
```

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

```
.background{ background-color: rgb(189,  
168, 7) }
```

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