

Converting Colors

YUV(159.3600, -73.1415,
33.0103)

Have a look what the booklet for
YUV(159.3600, -73.1415, 33.0103)
contains.

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Color

**YUV(159.3600, -73.1415,
33.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A90B
RGB	197, 169, 11
RGB Percent	77%, 66%, 4%
CMY	0.2275, 0.3373, 0.9569
CMYK	0.00, 0.14, 0.94, 0.23
HSL	51°, 89%, 41%
HSV	51°, 94%, 77%
XYZ	37.2743, 40.2704, 6.1250
YIQ	159.3600, 67.4060, -43.2020

Conversions

Conversions Part 2

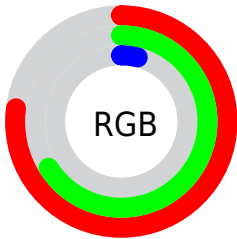
Format	Color
RYB	44, 197, 11
Decimal	12953867
CIELab	69.66, -3.25, 71.06
CIELCh	70, 71.134, 92.618
Yxy	40.2704, 0.4455, 0.4813
Android (android.graphics.Color)	4291143947 (0xFFC5A90B)
YUV	159.3600, -73.1415, 33.0103
Hunter-Lab	63.4590, -6.2064, 38.6987

Details

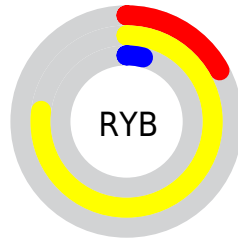
The YUV color **159.3600, -73.1415, 33.0103** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **48.6400, 73.1415, -33.0103**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9670, -67.0317, 33.3549**, and **109.9410, -54.2009, 24.6077** is the 20% darker color. If you saturate the color by 10%, you get **156.9320, -77.3675, 35.1396**, and if you desaturate by 10%, it is **163.4010, -65.2737, 29.4663**.

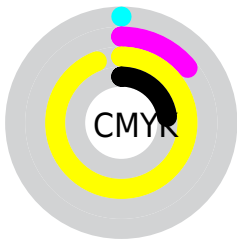
Distribution



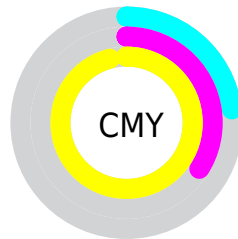
- Red (77%)
- Green (66%)
- Blue (4%)



- Red (17%)
- Yellow (77%)
- Blue (4%)



- Cyan (0%)
- Magenta (14%)
- Yellow (94%)
- Black (23%)



- Cyan (23%)
- Magenta (34%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3600, -73.1415, 33.0103 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 159.3600, -73.1415, 33.0103 by changing the saturation by 10% instead.

■ 159.3600,
-73.1415, 33.0103

■ 159.3600,
-73.1415, 33.0103

■ 255.0000, 0.0000,
0.0000

■ 133.8740,
-65.9999, 29.0515

■ 216.9670,
-67.0317, 33.3549

■ 109.9410,
-54.2009, 24.6077

■ 236.5950,
-62.9043, 16.1412

■ 87.4810, -43.1281,
19.7492

■ 241.5480,
-51.5422, 11.7974

■ 65.6080, -32.3447,
14.3758

■ 244.7400,
-39.3118, 8.9980

■ 44.9200, -22.1456,
9.7172

■ 248.0460,
-26.6447, 6.0987

■ 25.1180, -12.3832,
5.1585

■ 251.3520,

■ 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.7720, -0.8736,
0.2000

■ 159.3600,
-73.1415, 33.0103

■ 159.3600,
-73.1415, 33.0103

■ 156.9320,
-77.3675, 35.1396

■ 163.4010,
-65.2737, 29.4663

■ 167.3280,
-57.8427, 26.0223

■ 171.3690,
-49.9749, 22.4784

■ 175.4100,
-42.1071, 18.9344

■ 179.4510,
-34.2393, 15.3905

■ 183.3780,
-26.8084, 11.9465

■ 187.4190,
-18.9406, 8.4025

■ 191.4600,
-11.0728, 4.8586

■ 195.3870, -3.6418,
1.4146

Harmonies

Analogous

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



164.3800, -56.3893, 73.3347



159.3600, -73.1415, 33.0103



153.9370, -51.7339, -20.1157

Triad

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



159.3600, -73.1415, 33.0103



143.9450, 46.3691, -126.2398



173.2960, 28.4481, 69.0234

Complementary

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



159.3600, -73.1415, 33.0103



48.6400, 73.1415, -33.0103

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.



170.0430, 41.8838, 6.1013



159.3600, -73.1415, 33.0103



141.7740, 55.8204, -124.3358

Square

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



159.3600, -73.1415, 33.0103



137.2360, 18.1247, -120.3560



132.3820, 60.4507, -116.0990



157.5050, 4.6810, 85.5031

Rectangle

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



159.3600, -73.1415, 33.0103



144.1280, -28.1641, -66.7643



132.3820, 60.4507, -116.0990



174.6510, 36.6541, 50.2951

Sweetspot

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



159.3600, -73.1415, 33.0103



240.4490, -27.8294, 12.7612



70.1480, -13.8770, 111.2492



118.8750, -17.1934, 8.0026



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.



159.3600, -73.1415, 33.0103



203.6240, -100.3866, 45.0568



157.2580, -72.1052, -19.5203



97.3870, -3.6418, 1.4146



130.3300, -64.2527, 28.6516



28.3740, -13.9884, 6.6880

Inverse Universe

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



48.6400, 73.1415, -33.0103



51.3760, 100.3866, -45.0568



50.7420, 72.1052, 19.5203



91.6130, 3.6418, -1.4146



33.2570, 63.9633, -29.1664



7.0390, 14.2778, -6.1732

Previews

White Background



This preview shows how the YUV color 159.3600, -73.1415, 33.0103 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 159.3600, -73.1415, 33.0103 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 159.3600, -73.1415, 33.0103

Background



This preview shows how black text looks on a background with the YUV color 159.3600, -73.1415, 33.0103.

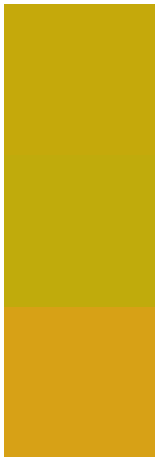


This preview shows how white text looks on a background with the YUV color 159.3600, -73.1415,

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

159.3600, -73.1415, 33.0103

Protanopia

159.1530, -72.5464, 28.8068

Deuteranopia

161.3000, -68.6749, 47.0949



Tritanopia

173.0190, -1.9814, 28.9243

Trichromacy



Original Color

159.3600, -73.1415, 33.0103

Protanomaly

159.1640, -72.5519, 30.5512

Deuteranomaly

160.5120, -70.2584, 41.6470

Tritanomaly

167.9720, -27.5942, 30.7196

Monochromacy



Original Color

159.3600, -73.1415, 33.0103

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3780, -26.8084, 11.9465

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3600, -73.1415, 33.0103 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(197, 169, 11)` looks like.

```
.text, #text, p{  
    color:rgb(197, 169, 11)  
}
```

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(197, 169, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 11) }
```

Border

The CSS property to change the border of an element to YUV 159.3600, -73.1415, 33.0103 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(197, 169, 11) }
```


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

```
.border{ border-color:rgb(197, 169, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 169, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 169, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 169, 11);  
box-shadow:4px 4px 4px 4px rgb(197, 169,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 159.3600, -73.1415, 33.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 169, 11) }
```

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

```
.background{ background-color: rgb(197,  
169, 11) }
```

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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