

Converting Colors

YUV(168.5780, -73.7420,
38.9581)

Have a look what the booklet for
YUV(168.5780, -73.7420, 38.9581)
contains.

YUV(168.5780, -73.7420, 38.9581)	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(168.5780, -73.7420,
38.9581)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AF13
RGB	213, 175, 19
RGB Percent	84%, 69%, 7%
CMY	0.1647, 0.3137, 0.9255
CMYK	0.00, 0.18, 0.91, 0.16
HSL	48°, 84%, 45%
HSV	48°, 91%, 84%
XYZ	42.8881, 44.8531, 7.0132
YIQ	168.5780, 72.7240, -40.4600

Conversions

Conversions Part 2

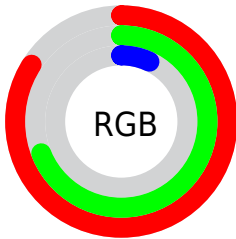
Format	Color
RYB	66, 213, 19
Decimal	14003987
CIELab	72.80, 0.77, 72.92
CIELCh	73, 72.928, 89.398
Yxy	44.8531, 0.4526, 0.4734
Android (android.graphics.Color)	4292194067 (0xFFD5AF13)
YUV	168.5780, -73.7420, 38.9581
Hunter-Lab	66.9725, -2.8933, 40.6720

Details

The YUV color **168.5780, -73.7420, 38.9581** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **63.4220, 73.7420, -38.9581**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0590, -66.5841, 29.7663**, and **117.9480, -58.1484, 30.7406** is the 20% darker color. If you saturate the color by 10%, you get **164.0640, -80.8836, 42.9169**, and if you desaturate by 10%, it is **173.3200, -65.7268, 34.7994**.

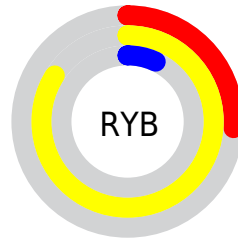
Distribution



Red (84%)

Green (69%)

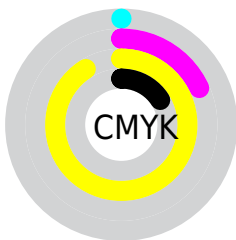
Blue (7%)



Red (26%)

Yellow (84%)

Blue (7%)

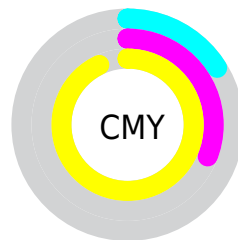


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5780, -73.7420, 38.9581 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 168.5780, -73.7420, 38.9581 by changing the saturation by 10% instead.

■ 168.5780,
-73.7420, 38.9581

■ 168.5780,
-73.7420, 38.9581

■ 255.0000, 0.0000,
0.0000

■ 142.1800,
-70.0947, 35.7991

■ 221.0590,
-66.5841, 29.7663

■ 117.9480,
-58.1484, 30.7406

■ 238.9260,
-61.5885, 14.0969

■ 94.9010, -46.7862,
26.3968

■ 242.1180,
-49.3582, 11.2975

■ 72.7290, -35.8554,
20.4087

■ 245.3100,
-37.1278, 8.4981

■ 51.7420, -25.5088,
15.1353

■ 248.6160,
-24.4607, 5.5988

■ 31.6410, -15.5990,
9.9618

■ 251.9220,

■ 10.0670, -4.9630,

-11.7935, 2.6994

5.2032

■ 0.0000, 0.0000,
0.0000

■ 168.5780,
-73.7420, 38.9581

■ 168.5780,
-73.7420, 38.9581

■ 164.0640,
-80.8836, 42.9169

■ 173.3200,
-65.7268, 34.7994

■ 178.1760,
-57.2748, 30.5406

■ 183.5050,
-49.5490, 25.8671

■ 188.2470,
-41.5338, 21.7084

■ 193.1030,
-33.0818, 17.4497

■ 197.8450,
-25.0666, 13.2909

■ 202.5870,
-17.0514, 9.1322

■ 207.3290, -9.0362,
4.9735

■ 212.7720, -0.8736,
0.2000

Harmonies

Analogous

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



170.5480, -54.5002, 74.0644



168.5780, -73.7420, 38.9581



163.3030, -56.8444, -14.2977

Triad

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



168.5780, -73.7420, 38.9581



150.2710, 45.2224, -131.7877



181.4140, 32.8269, 64.5349

Complementary

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



168.5780, -73.7420, 38.9581



63.4220, 73.7420, -38.9581

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.



175.9020, 38.9953, -0.7911



168.5780, -73.7420, 38.9581



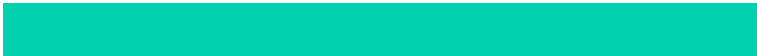
148.2310, 52.6371, -129.9986

Square

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



168.5780, -73.7420, 38.9581



143.2200, 15.6675, -125.6039



138.8390, 57.2674, -121.7618



163.4380, 9.6441, 80.2999

Rectangle

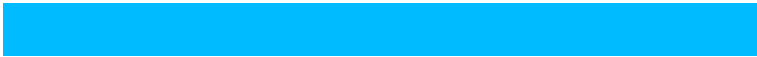
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.5780, -73.7420, 38.9581



154.3910, -33.7168, -59.1019



138.8390, 57.2674, -121.7618



182.4010, 35.7913, 47.0063

Sweetspot

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



168.5780, -73.7420, 38.9581



239.5030, -26.3770, 13.5909



81.4520, -11.5618, 115.3676



118.6300, -15.5936, 8.2175



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.



168.5780, -73.7420, 38.9581



196.5800, -96.9139, 51.2343



173.5420, -76.1892, -16.2613



104.5720, -4.2260, 2.1294



131.5480, -64.8532, 34.5994



33.4020, -16.4672, 8.4174

Inverse Universe

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



63.4220, 73.7420, -38.9581



58.4200, 96.9139, -51.2343



58.4580, 76.1892, 16.2613



98.4280, 4.2260, -2.1294



38.8650, 65.1426, -34.0846



9.5980, 16.4672, -8.4174

Previews

White Background



This preview shows how the YUV color 168.5780, -73.7420, 38.9581 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 168.5780, -73.7420, 38.9581 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 168.5780, -73.7420, 38.9581 Background



This preview shows how black text looks on a background with the YUV color 168.5780, -73.7420, 38.9581.



This preview shows how white text looks on a background with the YUV color 168.5780, -73.7420,

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

168.5780, -73.7420, 38.9581

Protanopia

167.8650, -72.4044, 29.9364

Deuteranopia

170.2140, -71.5905, 48.9243



Tritanopia

182.0090, -3.4554, 35.0721

Trichromacy



Original Color

168.5780, -73.7420, 38.9581

Protanomaly

168.3600, -73.1415, 33.0103

Deuteranomaly

169.6650, -72.3058, 45.0208

Tritanomaly

176.9620, -29.0683, 36.8673

Monochromacy



Original Color

168.5780, -73.7420, 38.9581

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6880, -26.9612, 14.3056

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5780, -73.7420, 38.9581 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(213, 175, 19)` looks like.

```
.text, #text, p{  
    color:rgb(213, 175, 19)  
}
```

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(213, 175, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 175, 19) }
```

Border

The CSS property to change the border of an element to YUV 168.5780, -73.7420, 38.9581 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(213, 175, 19) }
```


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

```
.border{ border-color:rgb(213, 175, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 175, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 175, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 175, 19);  
box-shadow:4px 4px 4px 4px rgb(213, 175,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 168.5780, -73.7420, 38.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 175, 19) }
```

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

```
.background{ background-color: rgb(213,  
175, 19) }
```

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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