

Converting Colors

YUV(157.9120, -63.5536,
37.7882)

Have a look what the booklet for
YUV(157.9120, -63.5536, 37.7882)
contains.

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Color

**YUV(157.9120, -63.5536,
37.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A11D
RGB	201, 161, 29
RGB Percent	79%, 63%, 11%
CMY	0.2118, 0.3686, 0.8863
CMYK	0.00, 0.20, 0.86, 0.21
HSL	46°, 75%, 45%
HSV	46°, 86%, 79%
XYZ	37.0540, 37.9960, 6.5434
YIQ	157.9120, 66.2120, -32.5720

Conversions

Conversions Part 2

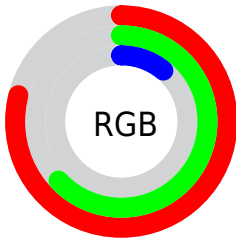
Format	Color
RYB	81, 201, 29
Decimal	13213981
CIELab	68.02, 3.12, 66.52
CIELCh	68, 66.592, 87.319
Yxy	37.9960, 0.4541, 0.4657
Android (android.graphics.Color)	4291404061 (0xFFC9A11D)
YUV	157.9120, -63.5536, 37.7882
Hunter-Lab	61.6409, -0.5702, 36.8548

Details

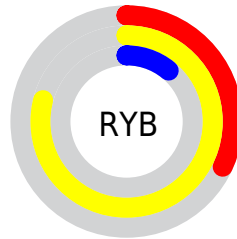
The YUV color **157.9120, -63.5536, 37.7882** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **72.0880, 63.5536, -37.7882**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4820, -61.3696, 37.2883**, and **107.0280, -52.7648, 30.6704** is the 20% darker color. If you saturate the color by 10%, you get **152.6970, -70.8426, 42.3617**, and if you desaturate by 10%, it is **163.1270, -56.2646, 33.2146**.

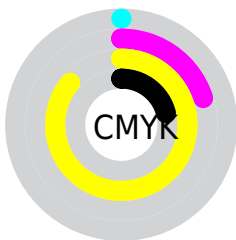
Distribution



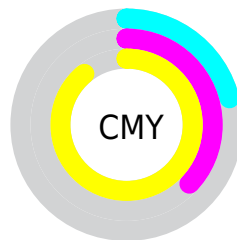
- Red (79%)
- Green (63%)
- Blue (11%)



- Red (32%)
- Yellow (79%)
- Blue (11%)



- Cyan (0%)
- Magenta (20%)
- Yellow (86%)
- Black (21%)



- Cyan (21%)
- Magenta (37%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.9120, -63.5536, 37.7882 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 157.9120, -63.5536, 37.7882 by changing the saturation by 10% instead.

■ 157.9120,
-63.5536, 37.7882

■ 157.9120,
-63.5536, 37.7882

■ 255.0000, 0.0000,
0.0000

■ 130.3740,
-64.2744, 35.6290

■ 212.4820,
-61.3696, 37.2883

■ 107.0280,
-52.7648, 30.6704

■ 232.6970,
-57.5316, 19.5597

■ 84.5680, -41.6920,
25.8119

■ 242.2320,
-48.9214, 11.1975

■ 62.6950, -30.9086,
20.4385

■ 245.4240,
-36.6910, 8.3982

■ 41.7080, -20.5620,
15.1651

■ 248.7300,
-24.0239, 5.4988

■ 22.4930, -11.0890,
10.0916

■ 252.0360,

■ 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 157.9120,
-63.5536, 37.7882

■ 157.9120,
-63.5536, 37.7882

■ 152.6970,
-70.8426, 42.3617

■ 163.1270,
-56.2646, 33.2146

■ 150.4970,
-74.1950, 44.2911

■ 167.7550,
-48.6862, 29.1559

■ 172.9700,
-41.3972, 24.5823

■ 178.1850,
-34.1082, 20.0088

■ 182.9270,
-26.0930, 15.8500

■ 188.1420,
-18.8040, 11.2765

■ 193.3570,
-11.5150, 6.7029

■ 197.9850, -3.9366,
2.6442

■ 203.2000, 3.3524,
-1.9294

Harmonies

Analogous

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



161.1550, -48.3904, 74.4091



157.9120, -63.5536, 37.7882



152.3020, -51.9139, -9.0349

Triad

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



157.9120, -63.5536, 37.7882



138.8440, 39.5169, -121.7662



170.0770, 30.5280, 55.1835

Complementary

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



157.9120, -63.5536, 37.7882



72.0880, 63.5536, -37.7882

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.



164.9380, 44.4006, -7.8386



157.9120, -63.5536, 37.7882



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.



157.9120, -63.5536, 37.7882



131.8900, 12.8722, -115.6675



131.2080, 61.0295, -115.0694



159.4770, 7.1598, 83.7737

Rectangle

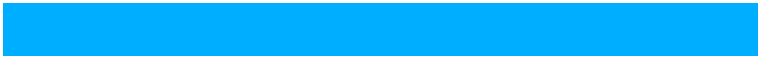
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.9120, -63.5536, 37.7882



145.3970, -32.7337, -47.7062



131.2080, 61.0295, -115.0694



170.6170, 38.1498, 37.1699

Sweetspot

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



157.9120, -63.5536, 37.7882



238.6710, -24.4878, 14.3205



84.9880, -7.8821, 101.7425



117.5700, -14.5780, 9.1471



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.



157.9120, -63.5536, 37.7882



191.2970, -94.3094, 55.8675



167.6380, -68.3485, -11.0835



96.8000, -3.3524, 1.9294



122.1120, -60.2012, 35.8588



26.6130, -13.1202, 8.2324

Inverse Universe

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



72.0880, 63.5536, -37.7882



63.7030, 94.3094, -55.8675



62.3620, 68.3485, 11.0835



92.2000, 3.3524, -1.9294



40.8880, 60.2012, -35.8588



8.8000, 13.4096, -7.7176

Previews

White Background



This preview shows how the YUV color 157.9120, -63.5536, 37.7882 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 157.9120, -63.5536, 37.7882 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 157.9120, -63.5536, 37.7882

Background



This preview shows how black text looks on a background with the YUV color 157.9120, -63.5536, 37.7882.



This preview shows how white text looks on a background with the YUV color 157.9120, -63.5536, 37.7882.

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

157.9120, -63.5536, 37.7882

Protanopia

156.7750, -62.5001, 26.5073

Deuteranopia

158.1840, -62.7017, 44.5656



Tritanopia

168.8950, -3.8922, 35.1721

Trichromacy



Original Color

157.9120, -63.5536, 37.7882

Protanomaly

157.0960, -62.6583, 30.6108

Deuteranomaly

157.7600, -62.9857, 42.3065

Tritanomaly

164.8740, -25.5739, 36.0675

Monochromacy



Original Color

157.9120, -63.5536, 37.7882

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0130, -23.1774, 14.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.9120, -63.5536, 37.7882 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(201, 161, 29)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 29)  
}
```

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(201, 161, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 29) }
```

Border

The CSS property to change the border of an element to YUV 157.9120, -63.5536, 37.7882 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(201, 161, 29) }
```


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

```
.border{ border-color:rgb(201, 161, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 29);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 157.9120, -63.5536, 37.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 29) }
```

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

```
.background{ background-color: rgb(201,  
161, 29) }
```

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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