

Converting Colors

YUV(159.9920, -37.9571,
41.2260)

Have a look what the booklet for
YUV(159.9920, -37.9571, 41.2260)
contains.

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Color

**YUV(159.9920, -37.9571,
41.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9753
RGB	207, 151, 83
RGB Percent	81%, 59%, 33%
CMY	0.1882, 0.4078, 0.6745
CMYK	0.00, 0.27, 0.60, 0.19
HSL	33°, 56%, 57%
HSV	33°, 60%, 81%
XYZ	38.3601, 36.0231, 13.1150
YIQ	159.9920, 55.2040, -9.2760

Conversions

Conversions Part 2

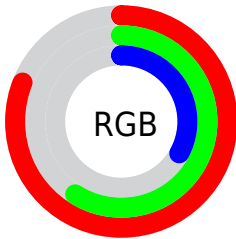
Format	Color
RYB	185, 207, 83
Decimal	13604691
CIELab	66.54, 13.74, 43.53
CIELCh	67, 45.650, 72.488
Yxy	36.0231, 0.4384, 0.4117
Android (android.graphics.Color)	4291794771 (0xFFCF9753)
YUV	159.9920, -37.9571, 41.2260
Hunter-Lab	60.0193, 9.0508, 29.0579

Details

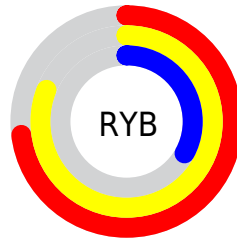
The YUV color **159.9920, -37.9571, 41.2260** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **130.0080, 37.9571, -41.2260**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8560, -38.3830, 37.8373**, and **107.1270, -36.0516, 36.7226** is the 20% darker color. If you saturate the color by 10%, you get **152.3150, -44.5253, 47.9587**, and if you desaturate by 10%, it is **167.6690, -31.3888, 34.4933**.

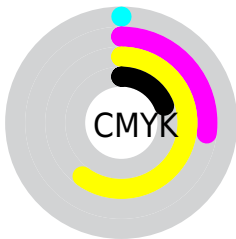
Distribution



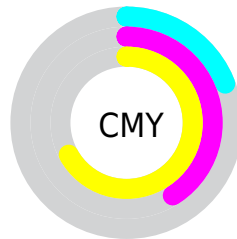
- Red (81%)
- Green (59%)
- Blue (33%)



- Red (73%)
- Yellow (81%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (19%)



- Cyan (19%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9920, -37.9571, 41.2260 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 159.9920, -37.9571, 41.2260 by changing the saturation by 10% instead.

■ 159.9920,
-37.9571, 41.2260

■ 159.9920,
-37.9571, 41.2260

■ 255.0000, 0.0000,
0.0000

■ 133.2090,
-37.0780, 39.2817

■ 211.8560,
-38.3830, 37.8373

■ 107.1270,
-36.0516, 36.7226

■ 231.3700,
-34.6924, 20.7235

■ 81.4750, -37.2092,
34.6634

■ 247.3620,
-29.2655, 6.6985

■ 59.2170, -29.1940,
30.5047

■ 250.6680,
-16.5983, 3.7992

■ 38.8170, -19.1368,
24.7165

■ 253.8600, -4.3680,
0.9998

■ 19.3030, -9.5164,
19.0283

■ 0.0000, 0.0000,

0.0000

■ 159.9920,
-37.9571, 41.2260

■ 159.9920,
-37.9571, 41.2260

■ 152.3150,
-44.5253, 47.9587

■ 167.6690,
-31.3888, 34.4933

■ 144.1650,
-50.3673, 55.1063

■ 175.8190,
-25.5468, 27.3457

■ 136.4880,
-56.9356, 61.8390

■ 183.4960,
-18.9785, 20.6130

■ 128.8110,
-63.5038, 68.5718

■ 191.1730,
-12.4103, 13.8803

■ 199.4370, -6.1314,
6.6328

■ 207.0000, 0.0000,
0.0000

■ 214.6770, 6.5682,
-6.7327

■ 222.9410, 12.8471,
-13.9803

■ 228.9080, 12.8634,
-19.2133

Harmonies

Analogous

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



162.0990, -26.6708, 61.3032



159.9920, -37.9571, 41.2260



156.6910, -38.3017, 11.6720

Triad

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



159.9920, -37.9571, 41.2260



127.7130, 24.7915, -112.0043



166.1620, 28.0211, 19.1519

Complementary

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



159.9920, -37.9571, 41.2260



130.0080, 37.9571, -41.2260

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.



159.1820, 40.8293, -29.1006



159.9920, -37.9571, 41.2260



130.2840, 42.2580, -114.2591

Square

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



159.9920, -37.9571, 41.2260



141.1860, -2.5567, -66.8151



128.7970, 54.3301, -112.9550



165.9030, 10.8938, 52.7051

Rectangle

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



159.9920, -37.9571, 41.2260



153.3830, -31.2478, -10.8599



128.7970, 54.3301, -112.9550



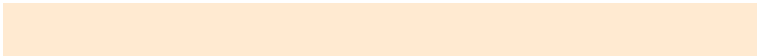
165.2140, 32.4325, 4.1973

Sweetspot

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



159.9920, -37.9571, 41.2260



237.4290, -14.0155, 15.4098



126.6880, 7.0558, 70.4336



117.0630, -8.9051, 9.5917



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.



159.9920, -37.9571, 41.2260



185.3030, -56.3514, 61.1243



191.6680, -53.5733, 9.9382



100.8110, -3.3578, 3.6738



104.2360, -51.3883, 55.9210



25.1730, -12.4103, 13.8803

Inverse Universe

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



130.0080, 37.9571, -41.2260



140.6970, 56.3514, -61.1243



98.3320, 53.5733, -9.9382



98.1890, 3.3578, -3.6738



63.7640, 51.3883, -55.9210



15.2400, 12.6997, -13.3655

Previews

White Background



This preview shows how the YUV color 159.9920, -37.9571, 41.2260 looks on a white background.

Color Contrast Check

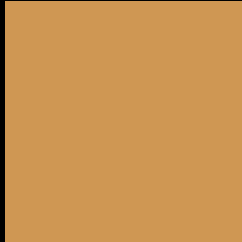
Large Text (above 18pt) WCAG AA × Fail

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 159.9920, -37.9571, 41.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

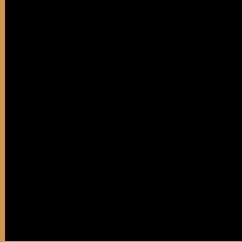
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9920, -37.9571, 41.2260

Background



This preview shows how black text looks on a background with the YUV color 159.9920, -37.9571, 41.2260.



This preview shows how white text looks on a background with the YUV color 159.9920, -37.9571,

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

159.9920, -37.9571, 41.2260

Protanopia

158.5330, -35.2658, 17.9496

Deuteranopia

159.2470, -38.0828, 34.8634



Tritanopia

164.8850, -5.3663, 41.3199

Trichromacy



Original Color

159.9920, -37.9571, 41.2260

Protanomaly

159.0610, -36.0191, 26.2565

Deuteranomaly

159.5570, -38.2356, 37.2225

Tritanomaly

163.0840, -17.2964, 41.1453

Monochromacy



Original Color

159.9920, -37.9571, 41.2260

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1300, -13.8681, 14.7950

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9920, -37.9571, 41.2260 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(207, 151, 83)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 83)  
}
```

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(207, 151, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 83) }
```

Border

The CSS property to change the border of an element to YUV 159.9920, -37.9571, 41.2260 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(207, 151, 83) }
```


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

```
.border{ border-color:rgb(207, 151, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 83);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 159.9920, -37.9571, 41.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 83) }
```

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

```
.background{ background-color: rgb(207,  
151, 83) }
```

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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