

Converting Colors

YUV(119.4000, -40.1302,
38.2372)

Have a look what the booklet for
YUV(119.4000, -40.1302, 38.2372)
contains.

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Color

**YUV(119.4000, -40.1302,
38.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	A37126
RGB	163, 113, 38
RGB Percent	64%, 44%, 15%
CMY	0.3608, 0.5569, 0.8510
CMYK	0.00, 0.31, 0.77, 0.36
HSL	36°, 62%, 39%
HSV	36°, 77%, 64%
XYZ	21.3592, 19.7367, 4.5175
YIQ	119.4000, 53.8750, -12.7250

Conversions

Conversions Part 2

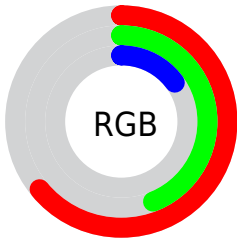
Format	Color
R_{YB}	121, 163, 38
Decimal	10711334
CIE Lab	51.54, 12.87, 47.21
CIE LCh	52, 48.931, 74.748
Yxy	19.7367, 0.4683, 0.4327
Android (android.graphics.Color)	4288901414 (0xFFA37126)
YUV	119.4000, -40.1302, 38.2372
Hunter-Lab	44.4260, 8.0740, 25.0692

Details

The YUV color **119.4000, -40.1302, 38.2372** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **81.6000, 40.1302, -38.2372**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2650, -42.0356, 42.7406**, and **70.1480, -34.5830, 32.3192** is the 20% darker color. If you saturate the color by 10%, you get **113.4670, -45.0932, 43.4404**, and if you desaturate by 10%, it is **125.3330, -35.1672, 33.0340**.

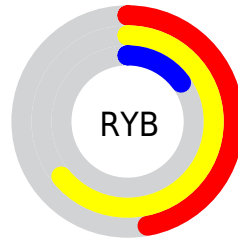
Distribution



Red (64%)

Green (44%)

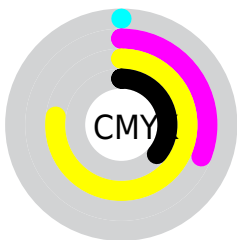
Blue (15%)



Red (47%)

Yellow (64%)

Blue (15%)

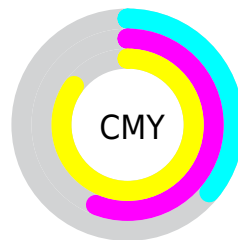


Cyan (0%)

Magenta (31%)

Yellow (77%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4000, -40.1302, 38.2372 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 119.4000, -40.1302, 38.2372 by changing the saturation by 10% instead.

■ 119.4000,
-40.1302, 38.2372

■ 119.4000,
-40.1302, 38.2372

■ 255.0000, 0.0000,
0.0000

■ 93.6340, -41.7246,
36.2780

■ 173.2650,
-42.0356, 42.7406

■ 70.1480, -34.5830,
32.3192

■ 201.0480,
-42.9147, 44.6849

■ 49.1610, -24.2364,
27.0458

■ 221.3450,
-40.1031, 29.5154

■ 29.3480, -14.4686,
20.7428

■ 240.8590,
-36.4125, 12.4017

■ 8.9700, -4.4222,
18.4433

■ 248.1600,
-26.2079, 5.9987

■ 0.0000, 0.0000,
0.0000

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 119.4000,
-40.1302, 38.2372

■ 119.4000,
-40.1302, 38.2372

■ 113.4670,
-45.0932, 43.4404

■ 125.3330,
-35.1672, 33.0340

■ 108.0070,
-50.7825, 48.2289

■ 130.7930,
-29.4779, 28.2455

■ 106.2630,
-52.3877, 49.7583

■ 136.7260,
-24.5149, 23.0423

■ 142.0720,
-19.2625, 18.3539

■ 148.1190,
-13.8627, 13.0506

■ 153.4650, -8.6102,
8.3622

■ 159.3980, -3.6472,
3.1590

■ 164.7440, 1.6052,
-1.5295

■ 170.7910, 7.0050,
-6.8327

Harmonies

Analogous

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



120.9740, -27.1022, 59.6588



119.4000, -40.1302, 38.2372



116.2130, -40.0380, 8.5832

Triad

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



119.4000, -40.1302, 38.2372



100.2430, 21.0792, -87.9131



126.7710, 27.7209, 22.1258

Complementary

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



119.4000, -40.1302, 38.2372



81.6000, 40.1302, -38.2372

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.



118.8120, 41.9977, -30.5301



119.4000, -40.1302, 38.2372



103.4010, 38.2563, -90.6827

Square

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



119.4000, -40.1302, 38.2372



94.6400, 2.1495, -82.9993



101.2130, 50.1810, -88.7638



124.5120, 10.5936, 55.6790

Rectangle

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



119.4000, -40.1302, 38.2372



112.9480, -31.5264, -14.8634



101.2130, 50.1810, -88.7638



125.6380, 32.7165, 6.4565

Sweetspot

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



119.4000, -40.1302, 38.2372



194.6740, -15.6153, 15.1949



81.0750, 3.4140, 71.8482



96.5360, -9.6312, 9.1769



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



119.4000, -40.1302, 38.2372



143.9840, -62.6031, 59.6500



145.1620, -52.8309, 5.1199



78.6260, -2.7736, 2.9590



94.4240, -46.5510, 44.3552



11.8390, -5.8366, 5.4032

Inverse Universe

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



81.6000, 40.1302, -38.2372



85.0160, 62.6031, -59.6500



55.8380, 52.8309, -5.1199



76.3740, 2.7736, -2.9590



50.5760, 46.5510, -44.3552



6.1610, 5.8366, -5.4032

Previews

White Background



This preview shows how the YUV color 119.4000, -40.1302, 38.2372 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4000, -40.1302, 38.2372 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 × Fail

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

YUV 119.4000, -40.1302, 38.2372

Background



This preview shows how black text looks on a background with the YUV color 119.4000, -40.1302, 38.2372.



This preview shows how white text looks on a background with the YUV color 119.4000, -40.1302, 38.2372.

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

119.4000, -40.1302, 38.2372

Protanopia

118.1370, -38.0285, 17.4199

Deuteranopia

119.2420, -40.5453, 31.3598



Tritanopia

125.4500, -5.6448, 37.3164

Trichromacy



Original Color

119.4000, -40.1302, 38.2372

Protanomaly

118.3660, -38.6344, 25.1120

Deuteranomaly

119.5520, -40.6981, 33.7189

Tritanomaly

123.4210, -18.4486, 37.3418

Monochromacy



Original Color

119.4000, -40.1302, 38.2372

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3040, -14.4469, 13.7654

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4000, -40.1302, 38.2372 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(163, 113, 38)` looks like.

```
.text, #text, p{  
    color:rgb(163, 113, 38)  
}
```

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(163, 113, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 113, 38) }
```

Border

The CSS property to change the border of an element to YUV 119.4000, -40.1302, 38.2372 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(163, 113, 38) }
```


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

```
.border{ border-color:rgb(163, 113, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 113, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 113, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 113, 38);  
box-shadow:4px 4px 4px 4px rgb(163, 113,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 119.4000, -40.1302, 38.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 113, 38) }
```

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

```
.background{ background-color: rgb(163,  
113, 38) }
```

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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