

Converting Colors

YUV(107.1750, -39.0333,
13.0015)

Have a look what the booklet for
YUV(107.1750, -39.0333, 13.0015)
contains.

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Color

**YUV(107.1750, -39.0333,
13.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	7A731C
RGB	122, 115, 28
RGB Percent	48%, 45%, 11%
CMY	0.5216, 0.5490, 0.8902
CMYK	0.00, 0.06, 0.77, 0.52
HSL	56°, 63%, 29%
HSV	56°, 77%, 48%
XYZ	14.3664, 16.4829, 3.5229
YIQ	107.1750, 32.0990, -25.5730

Conversions

Conversions Part 2

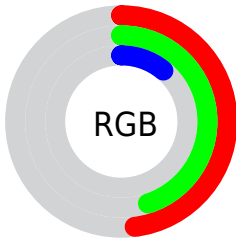
Format	Color
RYB	36, 122, 28
Decimal	8024860
CIELab	47.60, -7.80, 45.93
CIELCh	48, 46.586, 99.643
Yxy	16.4829, 0.4180, 0.4795
Android (android.graphics.Color)	4286214940 (0xFF7A731C)
YUV	107.1750, -39.0333, 13.0015
Hunter-Lab	40.5991, -7.8846, 23.2746

Details

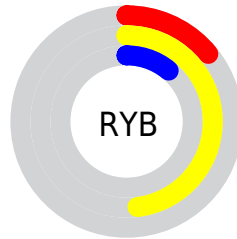
The YUV color **107.1750, -39.0333, 13.0015** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **42.8250, 39.0333, -13.0015**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9580, -39.9123, 14.9458**, and **60.2590, -29.7077, 8.5429** is the 20% darker color. If you saturate the color by 10%, you get **105.2200, -43.9855, 14.7161**, and if you desaturate by 10%, it is **109.1300, -34.0811, 11.2870**.

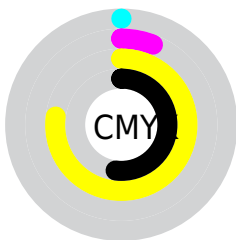
Distribution



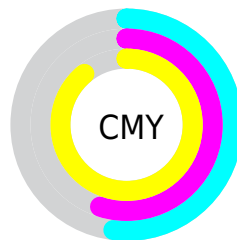
- Red (48%)
- Green (45%)
- Blue (11%)



- Red (14%)
- Yellow (48%)
- Blue (11%)



- Cyan (0%)
- Magenta (6%)
- Yellow (77%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1750, -39.0333, 13.0015 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 107.1750, -39.0333, 13.0015 by changing the saturation by 10% instead.

■ 107.1750,
-39.0333, 13.0015

■ 107.1750,
-39.0333, 13.0015

■ 255.0000, 0.0000,
0.0000

■ 81.8220, -40.3382,
11.5571

■ 159.9580,
-39.9123, 14.9458

■ 60.2590, -29.7077,
8.5429

■ 187.4420,
-40.6439, 16.2754

■ 39.8700, -19.6559,
4.4990

■ 215.5130,
-41.6649, 17.0901

■ 20.6550, -10.1829,
-0.5744

■ 241.0070,
-40.9225, 12.2719

■ 0.0000, 0.0000,
0.0000

■ 247.0200,
-30.5759, 6.9985

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

107.1750,
-39.0333, 13.0015

107.1750,
-39.0333, 13.0015

105.2200,
-43.9855, 14.7161

109.1300,
-34.0811, 11.2870

103.2650,
-48.9376, 16.4306

111.0850,
-29.1289, 9.5725

102.8090,
-50.6848, 16.8305

113.1540,
-23.7399, 7.7579

115.1090,
-18.7877, 6.0434

117.0640,
-13.8356, 4.3289

■ 118.4320, -8.5940,
3.1291

■ 120.3870, -3.6418,
1.4146

■ 122.4560, 1.7472,
-0.3999

■ 124.4110, 6.6994,
-2.1144

Harmonies

Analogous

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



110.0350, -36.4993, 40.3113



107.1750, -39.0333, 13.0015



102.5820, -26.4159, -20.6814

Triad

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



107.1750, -39.0333, 13.0015



94.7780, 33.1404, -83.1203



115.0380, 12.7993, 48.2017

Complementary

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



107.1750, -39.0333, 13.0015



42.8250, 39.0333, -13.0015

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.



115.9440, 28.6216, 13.2041



107.1750, -39.0333, 13.0015



93.9920, 45.3599, -82.4310

Square

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



107.1750, -39.0333, 13.0015



91.7340, 16.4001, -80.4507



105.6320, 41.5934, -40.8963



112.1420, -5.0000, 63.8965

Rectangle

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



107.1750, -39.0333, 13.0015



94.8800, -11.7728, -50.7608



105.6320, 41.5934, -40.8963



115.7640, 18.3573, 38.7950

Sweetspot

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



107.1750, -39.0333, 13.0015



152.1350, -14.8566, 5.1436



57.0180, -10.3619, 56.9892



75.3180, -9.0308, 3.2291



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



107.1750, -39.0333, 13.0015



135.0130, -60.1524, 20.1596



99.6230, -35.3101, -14.5784



60.3160, -2.6208, 0.5999



105.4670, -51.9952, 17.1304



212.7060, -104.8641, 34.4608

Inverse Universe

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



42.8250, 39.0333, -13.0015



35.4000, 60.4418, -19.6448



50.3770, 35.3101, 14.5784



56.2710, 2.3314, -1.1147



19.5330, 51.9952, -17.1304



39.8810, 104.5747, -34.9756

Previews

White Background



This preview shows how the YUV color 107.1750, -39.0333, 13.0015 looks on a white 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

Black Background



This preview shows how the YUV color 107.1750, -39.0333, 13.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

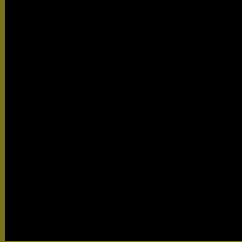
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.1750, -39.0333, 13.0015

Background



This preview shows how black text looks on a background with the YUV color 107.1750, -39.0333, 13.0015.



This preview shows how white text looks on a background with the YUV color 107.1750, -39.0333, 13.0015.

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

107.1750, -39.0333, 13.0015

Protanopia

107.4960, -39.1915, 17.1050

Deuteranopia

108.9150, -37.9191, 29.0155



Tritanopia

114.6040, 0.6882, 12.6253

Trichromacy



Original Color

107.1750, -39.0333, 13.0015

Protanomaly

107.4850, -39.1861, 15.3607

Deuteranomaly

108.4690, -38.1922, 23.2677

Tritanomaly

111.8200, -13.7153, 12.4359

Monochromacy



Original Color

107.1750, -39.0333, 13.0015

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9500, -14.2723, 4.4289

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1750, -39.0333, 13.0015 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(122, 115, 28)` looks like.

```
.text, #text, p{  
    color:rgb(122, 115, 28)  
}
```

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(122, 115, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 115, 28) }
```

Border

The CSS property to change the border of an element to YUV 107.1750, -39.0333, 13.0015 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(122, 115, 28) }
```


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

```
.border{ border-color:rgb(122, 115, 28) }
```

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

Here you see how a box with a 4 pixel rgb(122, 115, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 115, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 115, 28);  
box-shadow:4px 4px 4px 4px rgb(122, 115,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 107.1750, -39.0333, 13.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 115, 28) }
```

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

```
.background{ background-color: rgb(122,  
115, 28) }
```

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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