

Converting Colors

YUV(120.8790, -39.8733,
49.2181)

Have a look what the booklet for
YUV(120.8790, -39.8733, 49.2181)
contains.

YUV(120.8790, -39.8733, 49.2181)	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(120.8790, -39.8733,
49.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	B16C28
RGB	177, 108, 40
RGB Percent	69%, 42%, 16%
CMY	0.3059, 0.5765, 0.8431
CMYK	0.00, 0.39, 0.77, 0.31
HSL	30°, 63%, 43%
HSV	30°, 77%, 69%
XYZ	23.8770, 20.2254, 4.6529
YIQ	120.8790, 62.9520, -6.5200

Conversions

Conversions Part 2

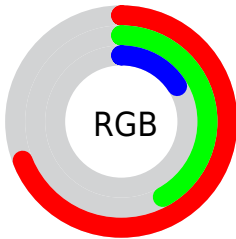
Format	Color
R_{YB}	177, 175, 40
Decimal	11627560
CIE _{Lab}	52.09, 21.99, 47.48
CIE _{LCh}	52, 52.322, 65.145
Yxy	20.2254, 0.4897, 0.4148
Android (android.graphics.Color)	4289817640 (0xFFB16C28)
YUV	120.8790, -39.8733, 49.2181
Hunter-Lab	44.9727, 16.0675, 25.3467

Details

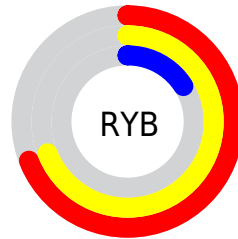
The YUV color **120.8790, -39.8733, 49.2181** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **96.1210, 39.8733, -49.2181**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0430, -41.9262, 54.3363**, and **70.8010, -34.9049, 42.2705** is the 20% darker color. If you saturate the color by 10%, you get **113.5440, -45.1312, 55.6509**, and if you desaturate by 10%, it is **128.2140, -34.6155, 42.7853**.

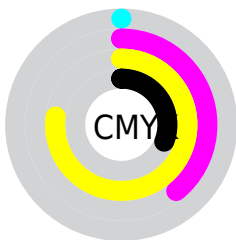
Distribution



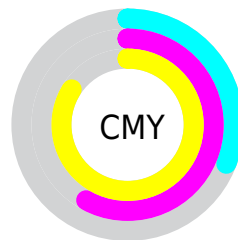
- Red (69%)
- Green (42%)
- Blue (16%)



- Red (69%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (77%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8790, -39.8733, 49.2181 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 120.8790, -39.8733, 49.2181 by changing the saturation by 10% instead.

■ 120.8790,
-39.8733, 49.2181

■ 120.8790,
-39.8733, 49.2181

■ 255.0000, 0.0000,
0.0000

■ 94.4550, -40.1573,
46.9590

■ 175.0430,
-41.9262, 54.3363

■ 70.8010, -34.9049,
42.2705

■ 199.1240,
-41.4731, 49.0033

■ 48.9280, -24.1215,
36.8971

■ 218.6380,
-37.7825, 31.8895

■ 28.2290, -13.9169,
30.4942

■ 238.1520,
-34.0919, 14.7757

■ 11.9600, -5.8963,
24.5911

■ 248.2740,
-25.7711, 5.8987

■ 0.0000, 0.0000,
0.0000

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 120.8790,
-39.8733, 49.2181

■ 120.8790,
-39.8733, 49.2181

■ 113.5440,
-45.1312, 55.6509

■ 128.2140,
-34.6155, 42.7853

■ 106.3230,
-49.9522, 61.9837

■ 135.4350,
-29.7945, 36.4525

■ 104.5790,
-51.5574, 63.5132

■ 142.7700,
-24.5366, 30.0197

■ 150.1050,
-19.2788, 23.5869

■ 157.4400,
-14.0209, 17.1541

■ 164.0740, -8.9105,
11.3361

■ 171.4090, -3.6526,
4.9033

■ 178.7440, 1.6052,
-1.5295

■ 185.9650, 6.4263,
-7.8623

Harmonies

Analogous

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



121.4790, -22.9141, 69.7399



120.8790, -39.8733, 49.2181



117.9710, -46.3277, 19.3194

Triad

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



120.8790, -39.8733, 49.2181



100.6360, 14.9695, -88.2578



127.2190, 34.8950, 7.7009

Complementary

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



120.8790, -39.8733, 49.2181



96.1210, 39.8733, -49.2181

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.



107.3170, 52.5947, -69.5610



120.8790, -39.8733, 49.2181



105.0650, 34.4780, -92.1420

Square

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



120.8790, -39.8733, 49.2181



93.6310, -4.2551, -82.1144



104.9630, 49.3182, -92.0526



126.4280, 18.0300, 50.4906

Rectangle

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



120.8790, -39.8733, 49.2181



115.2500, -39.5632, -3.7272



104.9630, 49.3182, -92.0526



124.4770, 40.1908, -10.9423

Sweetspot

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



120.8790, -39.8733, 49.2181



208.1090, -15.3367, 19.1984



89.0570, 10.8179, 77.1260



101.9600, -9.3473, 11.4361



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.8790, -39.8733, 49.2181



142.2080, -62.2205, 76.9936



160.2080, -59.2625, 14.7266



85.6260, -2.7736, 2.9590



90.3590, -44.5470, 54.9362



15.4050, -7.5947, 9.2918

Inverse Universe

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



96.1210, 39.8733, -49.2181



103.7920, 62.2205, -76.9936



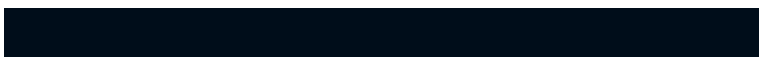
56.7920, 59.2625, -14.7266



83.9610, 2.4842, -3.4738



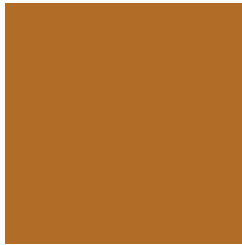
62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Previews

White Background



This preview shows how the YUV color 120.8790, -39.8733, 49.2181 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 120.8790, -39.8733, 49.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

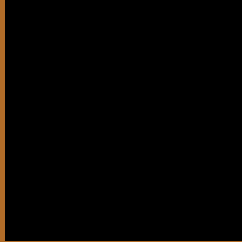
Any Text WCAG AA ✓ Pass

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 120.8790, -39.8733, 49.2181 Background



This preview shows how black text looks on a background with the YUV color 120.8790, -39.8733, 49.2181.



This preview shows how white text looks on a background with the YUV color 120.8790, -39.8733,

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

120.8790, -39.8733, 49.2181

Protanopia

120.0660, -37.0075, 16.6051

Deuteranopia

120.0140, -41.4189, 31.5597



Tritanopia

125.8320, -8.2982, 48.3823

Trichromacy



Original Color

120.8790, -39.8733, 49.2181

Protanomaly

120.5020, -38.2085, 28.5007

Deuteranomaly

120.1720, -41.0038, 38.4372

Tritanomaly

124.4440, -19.9389, 48.7226

Monochromacy



Original Color

120.8790, -39.8733, 49.2181

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7390, -14.1683, 17.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8790, -39.8733, 49.2181 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(177, 108, 40)` looks like.

```
.text, #text, p{  
    color:rgb(177, 108, 40)  
}
```

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(177, 108, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 108, 40) }
```

Border

The CSS property to change the border of an element to YUV 120.8790, -39.8733, 49.2181 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(177, 108, 40) }
```


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

```
.border{ border-color:rgb(177, 108, 40) }
```

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

Here you see how a box with a 4 pixel rgb(177, 108, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 108, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 108, 40);  
box-shadow:4px 4px 4px 4px rgb(177, 108,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 120.8790, -39.8733, 49.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 108, 40) }
```

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

```
.background{ background-color: rgb(177,  
108, 40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor