

Converting Colors

YUV(152.3710, -39.6229,
15.4606)

Have a look what the booklet for
YUV(152.3710, -39.6229, 15.4606)
contains.

YUV(152.3710, -39.6229, 15.4606)	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(152.3710, -39.6229,
15.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9F48
RGB	170, 159, 72
RGB Percent	67%, 62%, 28%
CMY	0.3333, 0.3765, 0.7176
CMYK	0.00, 0.06, 0.58, 0.33
HSL	53°, 40%, 47%
HSV	53°, 58%, 67%
XYZ	30.1454, 33.8102, 11.0681
YIQ	152.3710, 34.4830, -24.7250

Conversions

Conversions Part 2

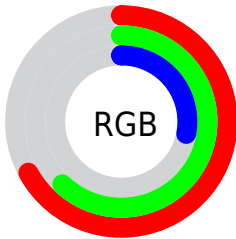
Format	Color
RYB	84, 170, 72
Decimal	11181896
CIELab	64.81, -7.34, 45.99
CIELCh	65, 46.573, 99.073
Yxy	33.8102, 0.4018, 0.4507
Android (android.graphics.Color)	4289371976 (0xFFAA9F48)
YUV	152.3710, -39.6229, 15.4606
Hunter-Lab	58.1465, -9.2152, 29.4168

Details

The YUV color **152.3710, -39.6229, 15.4606** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **89.6290, 39.6229, -15.4606**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9260, -41.3755, 17.6049**, and **100.0610, -39.4701, 13.1015** is the 20% darker color. If you saturate the color by 10%, you get **149.2590, -46.4697, 18.1899**, and if you desaturate by 10%, it is **155.4830, -32.7761, 12.7314**.

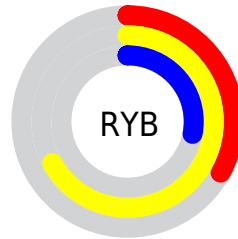
Distribution



Red (67%)

Green (62%)

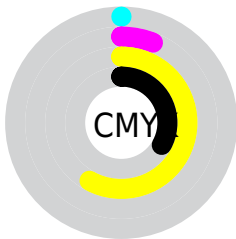
Blue (28%)



Red (33%)

Yellow (67%)

Blue (28%)

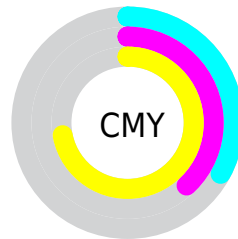


Cyan (0%)

Magenta (6%)

Yellow (58%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.3710, -39.6229, 15.4606 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 152.3710, -39.6229, 15.4606 by changing the saturation by 10% instead.

■ 152.3710,
-39.6229, 15.4606

■ 152.3710,
-39.6229, 15.4606

■ 255.0000, 0.0000,
0.0000

■ 125.8870,
-38.8913, 14.1311

■ 206.9260,
-41.3755, 17.6049

■ 100.0610,
-39.4701, 13.1015

■ 235.3990,
-42.1017, 17.1901

■ 75.9190, -37.4281,
11.4720

■ 246.1080,
-34.0702, 7.7983

■ 54.9430, -27.0869,
7.9430

■ 249.3000,
-21.8399, 4.9989

■ 34.5540, -17.0351,
3.8991

■ 252.6060, -9.1728,
2.0995

■ 14.1320, -6.9671,
-5.3778

■ 0.0000, 0.0000,

0.0000

■ 152.3710,
-39.6229, 15.4606

■ 152.3710,
-39.6229, 15.4606

■ 149.2590,
-46.4697, 18.1899

■ 155.4830,
-32.7761, 12.7314

■ 146.1470,
-53.3165, 20.9191

■ 158.5950,
-25.9293, 10.0022

■ 143.0350,
-60.1633, 23.6483

■ 161.7070,
-19.0826, 7.2730

■ 139.9230,
-67.0100, 26.3775

■ 164.8190,
-12.2358, 4.5437

■ 139.4670,
-68.7572, 26.7774

■ 167.9310, -5.3890,
1.8145

■ 170.4560, 1.7472,
-0.3999

■ 173.5680, 8.5940,
-3.1291

■ 176.6800, 15.4408,
-5.8584

■ 179.7920, 22.2875,
-8.5876

Harmonies

Analogous

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



155.7150, -37.8205, 44.0999



152.3710, -39.6229, 15.4606



147.4250, -28.3105, -19.6667

Triad

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



152.3710, -39.6229, 15.4606



127.7250, 40.0686, -112.0148



161.4620, 13.0832, 50.4608

Complementary

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



152.3710, -39.6229, 15.4606



89.6290, 39.6229, -15.4606

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.



160.9980, 30.0740, 14.0338



152.3710, -39.6229, 15.4606



126.4660, 53.0143, -110.9107

Square

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



152.3710, -39.6229, 15.4606



124.3390, 22.0179, -109.0453



152.2950, 42.7456, -37.0927



158.8220, -6.3212, 67.6851

Rectangle

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



152.3710, -39.6229, 15.4606



141.9190, -14.2571, -47.2870



152.2950, 42.7456, -37.0927



161.7040, 19.3729, 39.7246

Sweetspot

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



152.3710, -39.6229, 15.4606



215.3200, -15.4408, 5.8584



102.5560, -9.6411, 59.1484



108.3180, -9.0308, 3.2291



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.3710, -39.6229, 15.4606



194.5790, -61.9104, 24.0482



147.4660, -37.2047, -13.5637



82.5010, -3.2050, 1.3146



121.1490, -59.7265, 23.5483



16.5460, -8.1572, 3.0292

Inverse Universe

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



89.6290, 39.6229, -15.4606



96.4210, 61.9104, -24.0482



94.5340, 37.2047, 13.5637



77.4990, 3.2050, -1.3146



26.8510, 59.7265, -23.5483



3.4540, 8.1572, -3.0292

Previews

White Background



This preview shows how the YUV color 152.3710, -39.6229, 15.4606 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 152.3710, -39.6229, 15.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

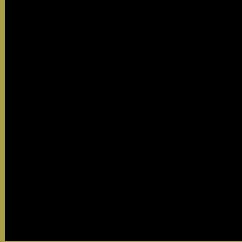
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.3710, -39.6229, 15.4606

Background



This preview shows how black text looks on a background with the YUV color 152.3710, -39.6229, 15.4606.



This preview shows how white text looks on a background with the YUV color 152.3710, -39.6229, 15.4606.

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

152.3710, -39.6229, 15.4606

Protanopia

152.3930, -39.6337, 18.9493

Deuteranopia

154.6060, -39.2458, 34.5485



Tritanopia

159.6260, 0.6774, 16.1140

Trichromacy



Original Color

152.3710, -39.6229, 15.4606

Protanomaly

152.6810, -39.7757, 17.8198

Deuteranomaly

153.5620, -39.2241, 27.5711

Tritanomaly

156.8420, -13.7261, 15.9246

Monochromacy



Original Color

152.3710, -39.6229, 15.4606

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.5480, -14.5672, 5.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.3710, -39.6229, 15.4606 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(170, 159, 72)` looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 72)  
}
```

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(170, 159, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 72) }
```

Border

The CSS property to change the border of an element to YUV 152.3710, -39.6229, 15.4606 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(170, 159, 72) }
```


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

```
.border{ border-color:rgb(170, 159, 72) }
```

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

Here you see how a box with a 4 pixel rgb(170, 159, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 72);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 152.3710, -39.6229, 15.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 72) }
```

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

```
.background{ background-color: rgb(170,  
159, 72) }
```

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