

Converting Colors

YUV(153.7690, 0.6069, 38.7906)

Have a look what the booklet for
YUV(153.7690, 0.6069, 38.7906)
contains.

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Color

**YUV(153.7690, 0.6069,
38.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	C6839B
RGB	198, 131, 155
RGB Percent	78%, 51%, 61%
CMY	0.2235, 0.4863, 0.3922
CMYK	0.00, 0.34, 0.22, 0.22
HSL	339°, 37%, 65%
HSV	339°, 34%, 78%
XYZ	37.3214, 30.6049, 34.9506
YIQ	153.7690, 32.2280, 21.6680

Conversions

Conversions Part 2

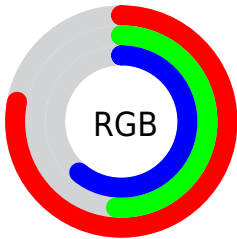
Format	Color
R _Y B	198, 131, 155
Decimal	13009819
CIE Lab	62.17, 29.19, -2.16
CIE LCh	62, 29.265, 355.769
Yxy	30.6049, 0.3628, 0.2975
Android (android.graphics.Color)	4291199899 (0xFFC6839B)
YUV	153.7690, 0.6069, 38.7906
Hunter-Lab	55.3217, 23.6075, 1.2675

Details

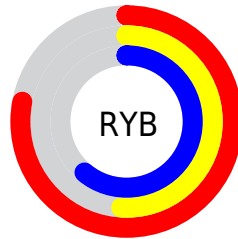
The YUV color $153.7690, 0.6069, 38.7906$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $175.2310, -0.6069, -38.7906$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $208.6660, 0.1647, 40.6349$, and $101.5730, 1.1965, 36.3315$ is the 20% darker color. If you saturate the color by 10%, you get $140.5470, 0.7163, 50.3863$, and if you desaturate by 10%, it is $166.9910, 0.4974, 27.1949$.

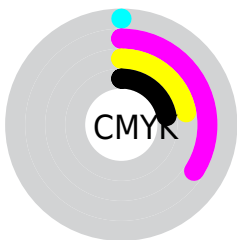
Distribution



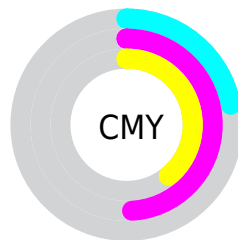
- Red (78%)
- Green (51%)
- Blue (61%)



- Red (78%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.7690, 0.6069, 38.7906 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 153.7690, 0.6069, 38.7906 by changing the saturation by 10% instead.

 153.7690, 0.6069,
38.7906

 153.7690, 0.6069,
38.7906

255.0000, 0.0000,
0.0000


 127.1710, 0.9017,
37.5610

 208.6660, 0.1647,
40.6349


 101.5730, 1.1965,
36.3315


 228.4080, 4.7289,
23.3212

 76.6760, 1.6387,
34.4871

 246.7820, 4.0515,
7.2072

 52.7790, 2.0810,
32.6428

 28.2350, 3.8281,
32.2429

 14.7520, -0.3707,
25.6505

 0.0000, 0.0000,

0.0000

■ 153.7690, 0.6069,
38.7906

■ 153.7690, 0.6069,
38.7906

■ 140.5470, 0.7163,
50.3863

■ 166.9910, 0.4974,
27.1949

■ 127.4390, 1.2626,
61.8820

■ 180.0990, -0.0488,
15.6992

■ 114.8040, 1.0826,
72.9629

■ 192.7340, 0.1311,
4.6183

■ 101.5820, 1.1921,
84.5586

■ 205.9560, 0.0217,
-6.9774

■ 88.3600, 1.3015,
96.1543

■ 219.1780, -0.0878,
-18.5731

■ 75.2520, 1.8478,
107.6500

■ 232.2860, -0.6340,
-30.0688

■ 67.2960, 1.8261,
114.6274

■ 236.7030, 3.5974,
-33.9425

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



154.1720, 12.7332, 22.6512



153.7690, 0.6069, 38.7906



152.5880, -11.6289, 43.3343

Triad

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



153.7690, 0.6069, 38.7906



146.6690, -21.5288, -1.4637



138.5210, 26.3651, -56.5849

Complementary

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



153.7690, 0.6069, 38.7906



175.2310, -0.6069, -38.7906

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.



134.7130, 18.3825, -62.8923



153.7690, 0.6069, 38.7906



142.5720, -11.1280, -24.1806

Square

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



153.7690, 0.6069, 38.7906



149.0030, -24.6515, 20.1684



138.0280, 3.9302, -47.3826



146.3160, 27.4522, -31.8491

Rectangle

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



153.7690, 0.6069, 38.7906



151.4320, -18.4540, 39.0861



138.0280, 3.9302, -47.3826



136.1460, 25.0710, -61.5180

Sweetspot

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



153.7690, 0.6069, 38.7906



238.5010, 0.2460, 14.4696



151.1960, 23.0744, 19.1221



117.4680, 0.2623, 9.2366



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.



153.7690, 0.6069, 38.7906



185.7270, 1.1206, 60.7524



156.3160, -12.4808, 36.5569



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Inverse Universe

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



153.7690, 0.6069, 38.7906



185.7270, 1.1206, 60.7524



172.6840, 12.4808, -36.5569



93.0330, -0.0163, 5.2331



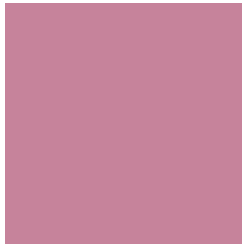
55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 153.7690, 0.6069, 38.7906 looks on a white background.

Color Contrast Check

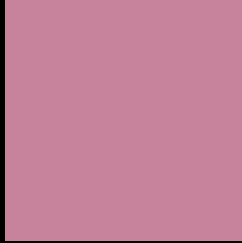
Large Text (above 18pt) WCAG AA × Fail

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 153.7690, 0.6069, 38.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

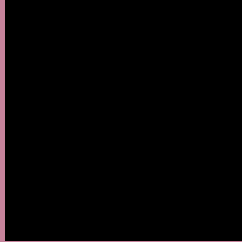
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7690, 0.6069, 38.7906

Background



This preview shows how black text looks on a background with the YUV color 153.7690, 0.6069, 38.7906.



This preview shows how white text looks on a background with the YUV color 153.7690, 0.6069,

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

153.7690, 0.6069, 38.7906

Protanopia

151.5250, 7.1362, -2.2144

Deuteranopia

152.0660, -0.0325, 10.4661



Tritanopia

153.2760, -5.0661, 38.3459

Trichromacy



Original Color

153.7690, 0.6069, 38.7906

Protanomaly

152.3420, 4.7614, 12.8551

Deuteranomaly

152.8330, 0.0823, 20.3175

Tritanomaly

153.1450, -3.0295, 38.4608

Monochromacy



Original Color

153.7690, 0.6069, 38.7906

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7690, 0.6069, 38.7906 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(198, 131, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 155)  
}
```

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(198, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 155) }
```

Border

The CSS property to change the border of an element to YUV 153.7690, 0.6069, 38.7906 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(198, 131, 155) }
```


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

```
.border{ border-color:rgb(198, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 153.7690, 0.6069, 38.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 155) }
```

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

```
.background{ background-color: rgb(198,  
131, 155) }
```

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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