

Converting Colors

YUV(55.7310, 38.5866, 37.0699)

Have a look what the booklet for
YUV(55.7310, 38.5866, 37.0699)
contains.

YUV(55.7310, 38.5866, 37.0699)	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(55.7310, 38.5866,
37.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	621386
RGB	98, 19, 134
RGB Percent	38%, 7%, 53%
CMY	0.6157, 0.9255, 0.4745
CMYK	0.27, 0.86, 0.00, 0.47
HSL	281°, 75%, 30%
HSV	281°, 86%, 53%
XYZ	9.5730, 4.7836, 22.9730
YIQ	55.7310, 10.1690, 52.5130

Conversions

Conversions Part 2

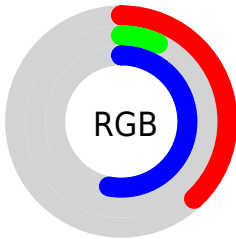
Format	Color
R_{YB}	98, 19, 134
Decimal	6427526
CIE _{Lab}	26.11, 51.13, -46.46
CIE _{LCh}	26, 69.086, 317.737
Yxy	4.7836, 0.2564, 0.1281
Android (android.graphics.Color)	4284617606 (0xFF621386)
YUV	55.7310, 38.5866, 37.0699
Hunter-Lab	21.8715, 39.8524, -46.9659

Details

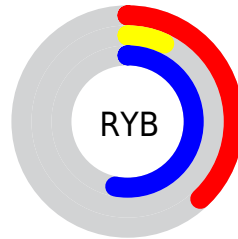
The YUV color **55.7310, 38.5866, 37.0699** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97.2690, -38.5866, -37.0699**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2040, 37.8604, 36.6551**, and **22.9170, 29.6209, 19.3668** is the 20% darker color. If you saturate the color by 10%, you get **46.9040, 42.9383, 41.3032**, and if you desaturate by 10%, it is **64.5580, 34.2349, 32.8366**.

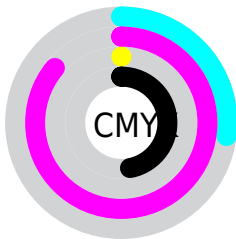
Distribution



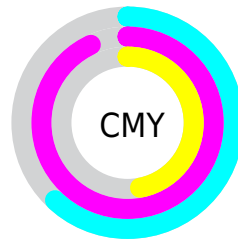
- Red (38%)
- Green (7%)
- Blue (53%)



- Red (38%)
- Yellow (7%)
- Blue (53%)



- Cyan (27%)
- Magenta (86%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7310, 38.5866, 37.0699 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 55.7310, 38.5866, 37.0699 by changing the saturation by 10% instead.

■ 55.7310, 38.5866,
37.0699

■ 55.7310, 38.5866,
37.0699

■ 255.0000, 0.0000,
0.0000

■ 33.5410, 36.7083,
32.8515

■ 111.2040, 37.8604,
36.6551

■ 22.9170, 29.6209,
19.3668

■ 138.0300, 38.4392,
37.6847

■ 12.4070, 22.9703,
5.7821

■ 165.2690, 39.3074,
39.2291

■ 5.3920, 15.5827,
-4.7288

■ 190.9290, 31.5870,
42.1583


■ 2.0690, 5.3890,
-1.8145


■ 212.1490, 21.1255,
37.5803


■ 0.0000, 0.0000,
0.0000

■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 55.7310, 38.5866,
37.0699


 55.7310, 38.5866,
37.0699


 46.9040, 42.9383,
41.3032


 64.5580, 34.2349,
32.8366

 42.7840, 44.9695,
43.1624

 73.9720, 29.5938,
28.0886

 83.0980, 25.0947,
24.4701

 92.5120, 20.4536,
19.7220

 101.3390, 16.1019,
15.4887

■ 110.1660, 11.7502,
11.2554

■ 119.5800, 7.1091,
6.5073

■ 128.7060, 2.6099,
2.8888

■ 138.1200, -2.0312,
-1.8592

Harmonies

Analogous

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



53.4430, 54.9976, -46.8695



55.7310, 38.5866, 37.0699



51.6640, 16.9276, 77.4707

Triad

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



55.7310, 38.5866, 37.0699



58.6300, -28.9046, 31.0195



58.1490, 17.1815, -50.9967

Complementary

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



55.7310, 38.5866, 37.0699



97.2690, -38.5866, -37.0699

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.



51.1780, -6.9898, -44.8831



55.7310, 38.5866, 37.0699



54.5560, -26.8961, -6.6266

Square

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



55.7310, 38.5866, 37.0699



43.2670, -21.3306, 75.1878



45.1990, -22.2831, -39.6395



63.5070, 37.7110, -55.6956

Rectangle

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



55.7310, 38.5866, 37.0699



50.0660, 0.4605, 85.8881



45.1990, -22.2831, -39.6395



56.0970, 9.3192, -49.1971

Sweetspot

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



55.7310, 38.5866, 37.0699



142.3990, 15.0863, 14.5591



53.2420, 39.8137, -30.0302



68.4600, 9.1402, 8.3666



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



55.7310, 38.5866, 37.0699



55.3030, 58.0246, 55.8623



64.1010, 24.1072, 61.3014



61.8800, 2.0312, 1.8592



41.4310, 43.6645, 41.7180



0.9400, 1.0156, 0.9296

Inverse Universe

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



57.4890, -1.2271, 67.1001



57.8830, -1.9143, 100.9576



88.8990, -24.1072, -61.3014



62.0220, -0.0108, 3.4887



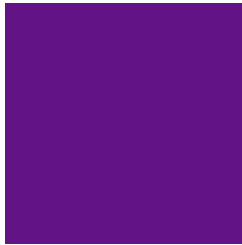
43.5440, -1.2542, 75.8219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 55.7310, 38.5866, 37.0699 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 ✓ Pass

Black Background



This preview shows how the YUV color 55.7310, 38.5866, 37.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

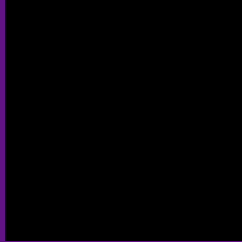
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7310, 38.5866, 37.0699

Background



This preview shows how black text looks on a background with the YUV color 55.7310, 38.5866, 37.0699.



This preview shows how white text looks on a background with the YUV color 55.7310, 38.5866,

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

55.7310, 38.5866, 37.0699

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

51.0370, 30.5478, -44.7594



Tritanopia

64.7250, -2.8224, 18.6582

Trichromacy



Original Color

55.7310, 38.5866, 37.0699

Protanomaly

52.7000, 38.6019, -14.6459

Deuteranomaly

52.7340, 33.6551, -14.6757

Tritanomaly

61.3680, 12.1436, 25.1103

Monochromacy



Original Color

55.7310, 38.5866, 37.0699

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0460, 13.7813, 13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7310, 38.5866, 37.0699 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(98, 19, 134)` looks like.

```
.text, #text, p{  
  color:rgb(98, 19, 134)  
}
```

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(98, 19, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 19, 134) }
```

Border

The CSS property to change the border of an element to YUV 55.7310, 38.5866, 37.0699 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(98, 19, 134) }
```


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

```
.border{ border-color:rgb(98, 19, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 19, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 19, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 19, 134);  
box-shadow:4px 4px 4px 4px rgb(98, 19,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 55.7310, 38.5866, 37.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 19, 134) }
```

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

```
.background{ background-color: rgb(98, 19,  
134) }
```

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