

Converting Colors

YUV(55.9700, 56.2168, 28.9673)

Have a look what the booklet for
YUV(55.9700, 56.2168, 28.9673)
contains.

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Color

**YUV(55.9700, 56.2168,
28.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	5911AA
RGB	89, 17, 170
RGB Percent	35%, 7%, 67%
CMY	0.6510, 0.9333, 0.3333
CMYK	0.48, 0.90, 0.00, 0.33
HSL	268°, 82%, 37%
HSV	268°, 90%, 67%
XYZ	11.5760, 5.4270, 38.4676
YIQ	55.9700, -6.2010, 62.8470

Conversions

Conversions Part 2

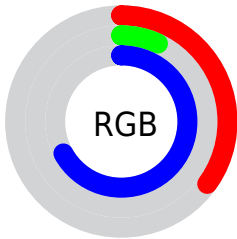
Format	Color
R_{YB}	89, 17, 170
Decimal	5837226
CIE _{Lab}	27.92, 58.54, -65.67
CIE _{LCh}	28, 87.971, 311.717
Yxy	5.4270, 0.2087, 0.0978
Android (android.graphics.Color)	4284027306 (0xFF5911AA)
YUV	55.9700, 56.2168, 28.9673
Hunter-Lab	23.2960, 47.9302, -81.5958

Details

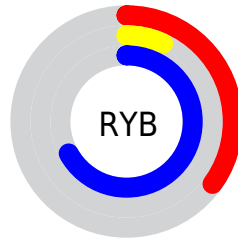
The YUV color **55.9700, 56.2168, 28.9673** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **131.0300, -56.2168, -28.9673**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7420, 55.3432, 29.1673**, and **19.5030, 47.5730, 1.3129** is the 20% darker color. If you saturate the color by 10%, you get **43.3000, 62.4631, 32.1859**, and if you desaturate by 10%, it is **68.6400, 49.9705, 25.7487**.

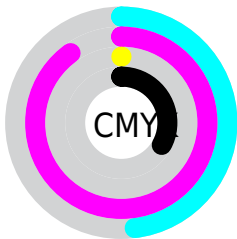
Distribution



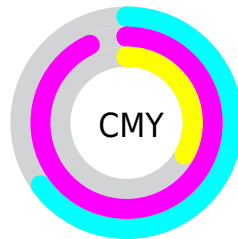
- Red (35%)
- Green (7%)
- Blue (67%)



- Red (35%)
- Yellow (7%)
- Blue (67%)



- Cyan (48%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9700, 56.2168, 28.9673 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 55.9700, 56.2168, 28.9673 by changing the saturation by 10% instead.

■ 55.9700, 56.2168,
28.9673

■ 55.9700, 56.2168,
28.9673

■ 255.0000, 0.0000,
0.0000

■ 33.9430, 53.7651,
21.9750

■ 113.7420, 55.3432,
29.1673

■ 19.5030, 47.5730,
1.3129

■ 140.9810, 56.2114,
30.7117

■ 10.3740, 39.7486,
-9.0980

■ 165.8000, 43.9756,
35.2554

■ 8.6980, 28.2499,
-7.6281

■ 190.6190, 31.7398,
39.7991

■ 6.6630, 17.9141,
-5.8435

■ 212.7360, 20.8362,
37.0655


■ 2.9810, 8.8834,
-2.6143

■ 229.7590, 12.4438,


■ 0.0000, 0.0000,


22.1364


0.0000


 246.7820, 4.0515,
7.2072


 55.9700, 56.2168,
28.9673


 55.9700, 56.2168,
28.9673


 43.3000, 62.4631,
32.1859

 68.6400, 49.9705,
25.7487

 81.3100, 43.7242,
22.5301

 93.9800, 37.4779,
19.3115

 106.6500, 31.2316,
16.0930

 119.3200, 24.9852,
12.8744

■ 131.9900, 18.7389,
9.6558

■ 144.6600, 12.4926,
6.4372

■ 157.3300, 6.2463,
3.2186

■ 170.0000, 0.0000,
0.0000

Harmonies

Analogous

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



63.7590, 69.1388, -55.9166



55.9700, 56.2168, 28.9673



59.7820, 24.7575, 86.1372

Triad

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



55.9700, 56.2168, 28.9673



60.5010, -29.8270, 46.9186



62.1440, 14.7190, -54.5003

Complementary

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



55.9700, 56.2168, 28.9673



131.0300, -56.2168, -28.9673

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.



52.4200, -17.4621, -45.9723



55.9700, 56.2168, 28.9673



59.3070, -29.2384, -2.0232

Square

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



55.9700, 56.2168, 28.9673



46.0460, -22.7007, 94.6757



48.1340, -23.7301, -42.2135



70.7280, 42.5321, -62.0285

Rectangle

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



55.9700, 56.2168, 28.9673



58.9520, 3.4747, 99.1431



48.1340, -23.7301, -42.2135



59.4080, 4.2359, -52.1008

Sweetspot

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



55.9700, 56.2168, 28.9673



177.2120, 22.0805, 11.2151



82.5760, 43.1000, -57.5102



85.1870, 13.2188, 6.8520



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.



55.9700, 56.2168, 28.9673



56.4040, 81.6388, 41.7417



78.6940, 45.0139, 75.6904



78.1080, 2.9048, 1.6593



37.8020, 54.3276, 28.2376



5.2700, 7.2619, 4.1482

Inverse Universe

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



71.9810, 12.8274, 85.9627



79.7160, 18.3810, 124.7831



108.3060, -45.0139, -75.6904



78.8480, 0.5679, 4.5183



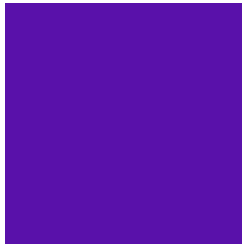
53.1440, 12.2540, 83.1887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 55.9700, 56.2168, 28.9673 looks on a white background.

Color Contrast Check

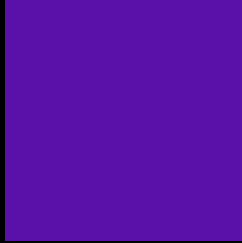
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.9700, 56.2168, 28.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

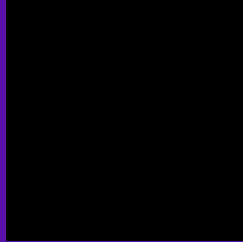
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9700, 56.2168, 28.9673

Background



This preview shows how black text looks on a background with the YUV color 55.9700, 56.2168, 28.9673.



This preview shows how white text looks on a background with the YUV color 55.9700, 56.2168,

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

55.9700, 56.2168, 28.9673

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

53.8410, 31.1374, -47.2186



Tritanopia

67.3740, 2.7736, -2.9590

Trichromacy



Original Color

55.9700, 56.2168, 28.9673

Protanomaly

54.7300, 46.4751, -19.9342

Deuteranomaly

54.4220, 40.2180, -19.6641

Tritanomaly

62.9020, 22.2333, 8.8559

Monochromacy



Original Color

55.9700, 56.2168, 28.9673

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0440, 20.1913, 10.4854

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9700, 56.2168, 28.9673 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(89, 17, 170)` looks like.

```
.text, #text, p{  
    color:rgb(89, 17, 170)  
}
```

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(89, 17, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 17, 170) }
```

Border

The CSS property to change the border of an element to YUV 55.9700, 56.2168, 28.9673 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(89, 17, 170) }
```


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

```
.border{ border-color:rgb(89, 17, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 17, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 17, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 17, 170);  
box-shadow:4px 4px 4px 4px rgb(89, 17,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 55.9700, 56.2168, 28.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 17, 170) }
```

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

```
.background{ background-color: rgb(89, 17,  
170) }
```

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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