

Converting Colors

YUV(55.7800, 37.5765, 34.3959)

Have a look what the booklet for
YUV(55.7800, 37.5765, 34.3959)
contains.

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Color

**YUV(55.7800, 37.5765,
34.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	5F1584
RGB	95, 21, 132
RGB Percent	37%, 8%, 52%
CMY	0.6275, 0.9176, 0.4824
CMYK	0.28, 0.84, 0.00, 0.48
HSL	280°, 73%, 30%
HSV	280°, 84%, 52%
XYZ	9.1523, 4.6352, 22.2421
YIQ	55.7800, 8.4730, 50.2090

Conversions

Conversions Part 2

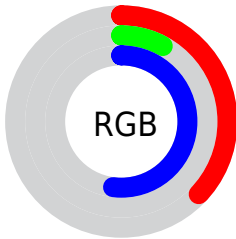
Format	Color
R_{YB}	95, 21, 132
Decimal	6231428
CIE _{Lab}	25.67, 49.57, -45.95
CIE _{LCh}	26, 67.586, 317.172
Yxy	4.6352, 0.2540, 0.1286
Android (android.graphics.Color)	4284421508 (0xFF5F1584)
YUV	55.7800, 37.5765, 34.3959
Hunter-Lab	21.5294, 38.2052, -46.1819

Details

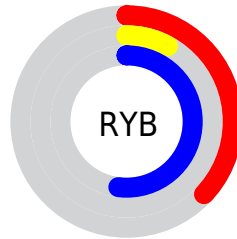
The YUV color **55.7800, 37.5765, 34.3959** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97.2200, -37.5765, -34.3959**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.7800, 37.5765, 34.3959**, and **21.7920, 29.1895, 17.7224** is the 20% darker color. If you saturate the color by 10%, you get **46.9530, 41.9282, 38.6292**, and if you desaturate by 10%, it is **64.6070, 33.2247, 30.1627**.

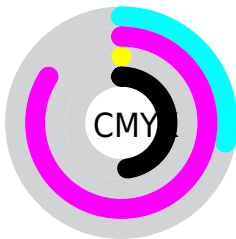
Distribution



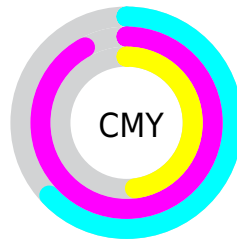
- Red (37%)
- Green (8%)
- Blue (52%)



- Red (37%)
- Yellow (8%)
- Blue (52%)



- Cyan (28%)
- Magenta (84%)
- Yellow (0%)
- Black (48%)



- Cyan (63%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.7800, 37.5765, 34.3959 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 55.7800, 37.5765, 34.3959 by changing the saturation by 10% instead.

■ 55.7800, 37.5765,
34.3959

■ 55.7800, 37.5765,
34.3959

■ 255.0000, 0.0000,
0.0000

■ 32.4160, 36.2769,
31.2072

■ 109.7800, 37.5765,
34.3959

■ 21.7920, 29.1895,
17.7224

■ 136.6060, 38.1552,
35.4255

■ 11.0970, 23.1232,
3.4229

■ 164.4320, 38.7340,
36.4551

■ 5.1640, 14.7091,
-4.5288

■ 190.3200, 31.8872,
39.1844

■ 1.1400, 4.3680,
-0.9998


■ 212.1490, 21.1255,
37.5803


■ 0.0000, 0.0000,
0.0000


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 55.7800, 37.5765,
34.3959


 55.7800, 37.5765,
34.3959

 46.9530, 41.9282,
38.6292


 64.6070, 33.2247,
30.1627

 41.3600, 44.6855,
40.9033

 73.7330, 28.7256,
26.5442

 83.1470, 24.0845,
21.7961

 92.2730, 19.5854,
18.1776

 101.1000, 15.2337,
13.9443

■ 109.9270, 10.8820,
9.7110

■ 119.0530, 6.3829,
6.0925

■ 128.4670, 1.7418,
1.3444

■ 137.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



52.5140, 53.9766, -46.0548



55.7800, 37.5765, 34.3959



50.6530, 16.9331, 75.7263

Triad

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



55.7800, 37.5765, 34.3959



57.7440, -28.4678, 30.9195



57.2200, 16.1605, -50.1819

Complementary

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



55.7800, 37.5765, 34.3959



97.2200, -37.5765, -34.3959

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.



49.8900, -6.8478, -43.7535



55.7800, 37.5765, 34.3959



54.2680, -26.7541, -5.4970

Square

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



55.7800, 37.5765, 34.3959



42.6690, -21.0358, 73.9583



44.0250, -21.7043, -38.6099



62.5780, 36.6900, -54.8809

Rectangle

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



55.7800, 37.5765, 34.3959



49.1690, 0.9027, 84.0438



44.0250, -21.7043, -38.6099



55.1680, 8.2982, -48.3823

Sweetspot

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



55.7800, 37.5765, 34.3959



141.5730, 14.5075, 13.5295



55.3730, 37.7771, -30.1451



69.0470, 8.8508, 7.8518



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.



55.7800, 37.5765, 34.3959



53.5800, 57.8881, 52.9883



64.6770, 23.8232, 59.0423



61.8800, 2.0312, 1.8592



40.8330, 43.9593, 40.4885



0.9400, 1.0156, 0.9296

Inverse Universe

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



58.4070, -0.2007, 64.5411



57.6270, -0.3091, 99.4281



88.2090, -24.2600, -58.9423



62.0220, -0.0108, 3.4887



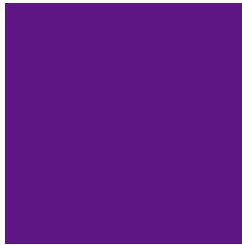
43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 55.7800, 37.5765, 34.3959 looks on a white background.

Color Contrast Check

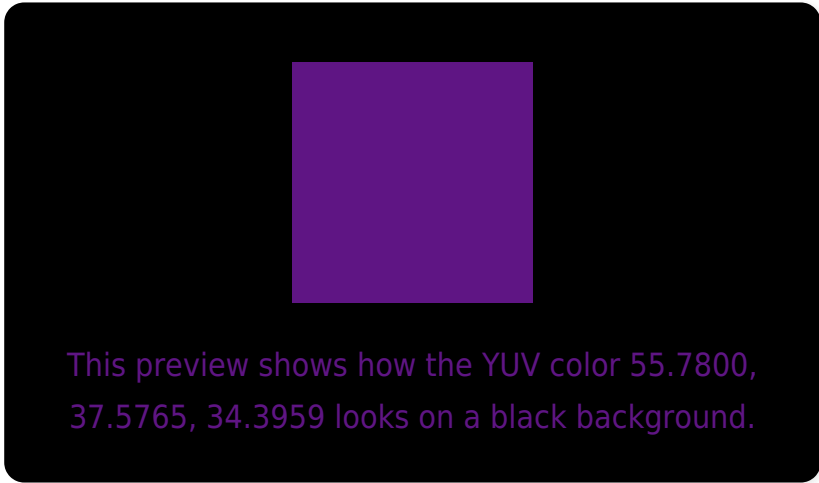
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

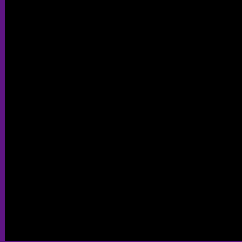
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.7800, 37.5765, 34.3959

Background



This preview shows how black text looks on a background with the YUV color 55.7800, 37.5765, 34.3959.



This preview shows how white text looks on a background with the YUV color 55.7800, 37.5765,

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

55.7800, 37.5765, 34.3959

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

50.2220, 29.9636, -44.0447



Tritanopia

63.1270, -2.5276, 17.4286

Trichromacy



Original Color

55.7800, 37.5765, 34.3959

Protanomaly

52.1730, 37.8757, -15.0607

Deuteranomaly

52.2070, 32.9289, -15.0905

Tritanomaly

60.3570, 12.1490, 23.3659

Monochromacy



Original Color

55.7800, 37.5765, 34.3959

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7470, 13.9287, 12.4999

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.7800, 37.5765, 34.3959 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(95, 21, 132)` looks like.

```
.text, #text, p{  
    color:rgb(95, 21, 132)  
}
```

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(95, 21, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 21, 132) }
```

Border

The CSS property to change the border of an element to YUV 55.7800, 37.5765, 34.3959 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(95, 21, 132) }
```


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

```
.border{ border-color:rgb(95, 21, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 21, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 21, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 21, 132);  
box-shadow:4px 4px 4px 4px rgb(95, 21,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 55.7800, 37.5765, 34.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 21, 132) }
```

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

```
.background{ background-color: rgb(95, 21,  
132) }
```

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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