

Converting Colors

YUV(25.5870, 6.6126, 25.7952)

Have a look what the booklet for
YUV(25.5870, 6.6126, 25.7952)
contains.

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Color

**YUV(25.5870, 6.6126,
25.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	370827
RGB	55, 8, 39
RGB Percent	22%, 3%, 15%
CMY	0.7843, 0.9686, 0.8471
CMYK	0.00, 0.85, 0.29, 0.78
HSL	320°, 75%, 12%
HSV	320°, 85%, 22%
XYZ	2.0286, 1.1324, 2.0311
YIQ	25.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

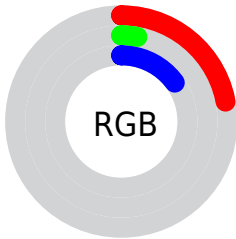
Format	Color
RYB	55, 8, 39
Decimal	3606567
CIELab	10.05, 26.41, -8.13
CIElCh	10, 27.637, 342.891
Yxy	1.1324, 0.3907, 0.2181
Android (android.graphics.Color)	4281796647 (0xFF370827)
YUV	25.5870, 6.6126, 25.7952
Hunter-Lab	10.6413, 15.4058, -3.8678




Details

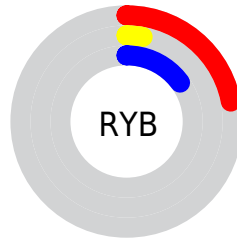
The YUV color **25.5870, 6.6126, 25.7952** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.4130, -6.6126, -25.7952**, and the grayscale version is **26.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **72.3700, 5.7336, 27.7395**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.8370, 7.4754, 29.0840**, and if you desaturate by 10%, it is **28.7500, 6.0393, 23.0212**.

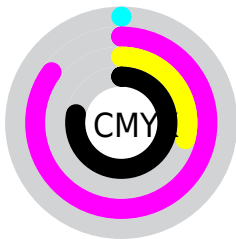
Distribution







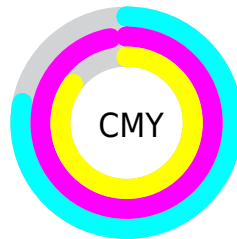
-  Red (22%)
-  Green (3%)
-  Blue (15%)






-  Red (22%)
-  Yellow (3%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (85%)
-  Yellow (29%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (97%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.5870, 6.6126, 25.7952 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 25.5870, 6.6126, 25.7952 by changing the saturation by 10% instead.

■ 25.5870, 6.6126,
25.7952

■ 25.5870, 6.6126,
25.7952

■ 245.0210, 4.9196,
8.7516

■ 13.2290, 2.8451,
20.8472

■ 72.3700, 5.7336,
27.7395

■ 0.0000, 0.0000,
0.0000

■ 96.9680, 5.4388,
28.9691

■ 122.5660, 5.1440,
30.1986

■ 148.3920, 5.7227,
31.2282

■ 175.1040, 5.8647,
32.3578

■ 203.2890, 5.2805,

33.0725


 226.6300, 8.0704,
24.8805

 25.5870, 6.6126,
25.7952


 25.5870, 6.6126,
25.7952

 21.8370, 7.4754,
29.0840


 28.7500, 6.0393,
23.0212

 20.5490, 7.6173,
30.2135

 32.5000, 5.1765,
19.7325

 35.6630, 4.6031,
16.9585

 39.2990, 3.3036,
13.7698

 42.4620, 2.7302,
10.9958

■ 46.2120, 1.8675,
7.7071

■ 49.9620, 1.0047,
4.4183

■ 53.1250, 0.4314,
1.6444

■ 56.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



28.1980, 13.2134, 8.5964



25.5870, 6.6126, 25.7952



23.7420, -1.8448, 31.7983

Triad

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



25.5870, 6.6126, 25.7952



25.6940, -12.6671, 2.8994



27.1740, 12.7322, -23.8316

Complementary

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



25.5870, 6.6126, 25.7952



37.4130, -6.6126, -25.7952

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.



25.7090, 4.5805, -22.5468



25.5870, 6.6126, 25.7952



21.4640, -10.5818, -12.6849

Square

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



25.5870, 6.6126, 25.7952



26.6570, -13.1419, 15.2098



22.8420, -3.8661, -20.0324



26.5530, 17.9684, -23.2870

Rectangle

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



25.5870, 6.6126, 25.7952



23.7390, -10.7173, 30.9239



22.8420, -3.8661, -20.0324



26.4900, 10.1114, -23.2317

Sweetspot

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



25.5870, 6.6126, 25.7952



59.7500, 2.5882, 9.8663



18.1420, 18.1710, 5.1375



29.0870, 1.4361, 6.0627



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.5870, 6.6126, 25.7952



26.5870, 10.0636, 38.9502



22.9650, -3.4337, 28.0947



26.1250, 0.4314, 1.6444



34.4620, 13.0832, 50.4608



82.0110, 31.0536, 120.1394

Inverse Universe

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



25.5870, 6.6126, 25.7952



26.5870, 10.0636, 38.9502



40.0350, 3.4337, -28.0947



26.1250, 0.4314, 1.6444



34.4620, 13.0832, 50.4608



82.0110, 31.0536, 120.1394

Previews

White Background



This preview shows how the YUV color 25.5870, 6.6126, 25.7952 looks on a white background.

Color Contrast Check

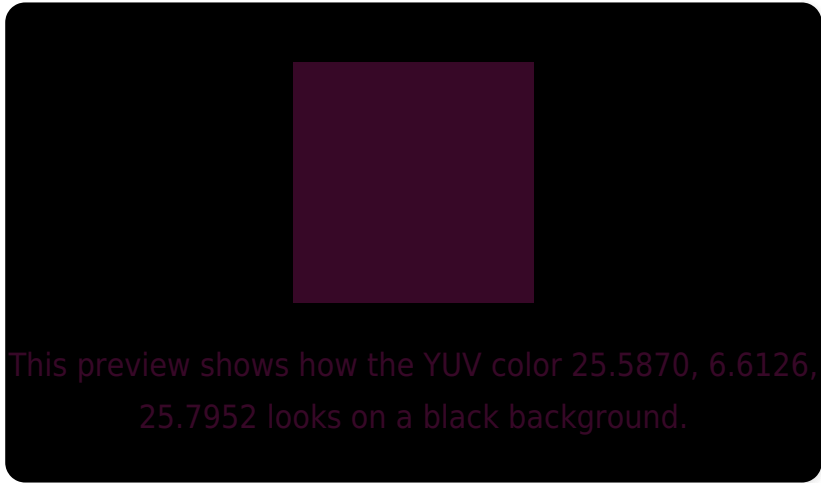
Large Text (above 18pt) WCAG AA ✓ Pass

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

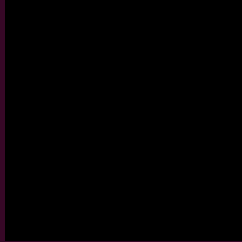
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.5870, 6.6126, 25.7952

Background



This preview shows how black text looks on a background with the YUV color 25.5870, 6.6126, 25.7952.



This preview shows how white text looks on a background with the YUV color 25.5870, 6.6126, 25.7952.

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

25.5870, 6.6126, 25.7952

Protanopia

28.5610, 12.5414, -9.2620

Deuteranopia

30.2110, 3.3470, -0.1850



Tritanopia

27.8780, -4.8699, 22.0320

Trichromacy



Original Color

25.5870, 6.6126, 25.7952

Protanomaly

27.1820, 10.7563, 3.3484

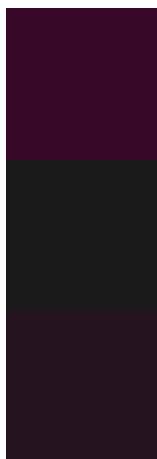
Deuteranomaly

28.3200, 4.7722, 9.3664

Tritanomaly

27.3280, -0.6547, 23.3913

Monochromacy



Original Color

25.5870, 6.6126, 25.7952

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7500, 2.5883, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.5870, 6.6126, 25.7952 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(55, 8, 39)` looks like.

```
.text, #text, p{  
    color:rgb(55, 8, 39)  
}
```

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(55, 8, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 8, 39) }
```

Border

The CSS property to change the border of an element to YUV 25.5870, 6.6126, 25.7952 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(55, 8, 39) }
```


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

```
.border{ border-color:rgb(55, 8, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 8, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 8, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 8, 39); box-shadow:4px  
4px 4px 4px rgb(55, 8, 39) }
```

Background

The CSS property to change the background color of an element to YUV 25.5870, 6.6126, 25.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 8, 39) }
```

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

```
.background{ background-color: rgb(55, 8,  
39) }
```

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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