

Converting Colors

YUV(25.2300, 1.3656, 28.7393)

Have a look what the booklet for
YUV(25.2300, 1.3656, 28.7393)
contains.

YUV(25.2300, 1.3656, 28.7393)	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(25.2300, 1.3656,
28.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	3A081C
RGB	58, 8, 28
RGB Percent	23%, 3%, 11%
CMY	0.7725, 0.9686, 0.8902
CMYK	0.00, 0.86, 0.52, 0.77
HSL	336°, 76%, 13%
HSV	336°, 86%, 23%
XYZ	2.0414, 1.1570, 1.2143
YIQ	25.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

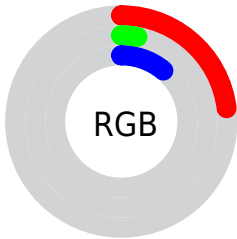
Format	Color
RYB	58, 8, 28
Decimal	3803164
CIELab	10.24, 25.89, 0.55
CIELCh	10, 25.900, 1.219
Yxy	1.1570, 0.4626, 0.2622
Android (android.graphics.Color)	4281993244 (0xFF3A081C)
YUV	25.2300, 1.3656, 28.7393
Hunter-Lab	10.7566, 15.0511, 0.8362




Details

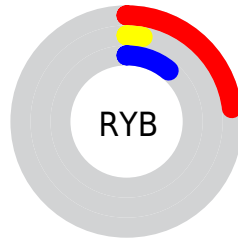
The YUV color **25.2300, 1.3656, 28.7393** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.7700, -1.3656, -28.7393**, and the grayscale version is **25.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **72.0840, -0.5344, 31.4983**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.3660, 1.7916, 32.1280**, and if you desaturate by 10%, it is **29.0940, 0.9397, 25.3506**.

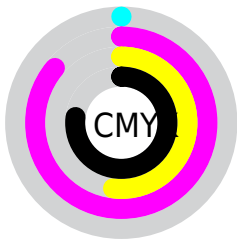
Distribution







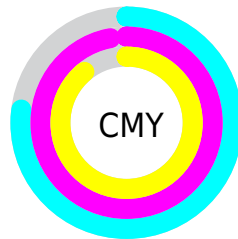
-  Red (23%)
-  Green (3%)
-  Blue (11%)






-  Red (23%)
-  Yellow (3%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (86%)
-  Yellow (52%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (97%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.2300, 1.3656, 28.7393 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 25.2300, 1.3656, 28.7393 by changing the saturation by 10% instead.

■ 25.2300, 1.3656,
28.7393

■ 25.2300, 1.3656,
28.7393

■ 245.0210, 4.9196,
8.7516

■ 12.0740, -5.4595,
24.4911

■ 72.0840, -0.5344,
31.4983

■ 0.0000, 0.0000,
0.0000

■ 96.6820, -0.8292,
32.7279


■ 122.1660, -1.5608,
34.0574

■ 148.1770, -1.5663,
35.8018


■ 175.4760, -1.7137,
36.4165


■ 203.0740, -2.0085,

37.6461


 224.8060, 1.0816,
26.4801


 25.2300, 1.3656,
28.7393


 25.2300, 1.3656,
28.7393


 21.3660, 1.7916,
32.1280


 29.0940, 0.9397,
25.3506

 19.9640, 1.4967,
33.3576

 33.0720, 0.9505,
21.8619

 36.3490, 0.8139,
18.9879

 40.3270, 0.8248,
15.4992

 44.1910, 0.3988,
12.1105

■ 48.1690, 0.4097,
8.6218

■ 52.0330, -0.0163,
5.2331

■ 55.4240, 0.2840,
2.2592

■ 59.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



27.9990, 8.3815, 18.4179



25.2300, 1.3656, 28.7393



25.0700, -9.4015, 28.8796

Triad

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



25.2300, 1.3656, 28.7393



24.4650, -12.0612, -4.7928



26.6840, 15.9318, -23.4019

Complementary

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



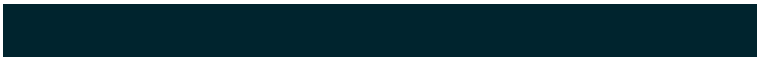
25.2300, 1.3656, 28.7393



40.7700, -1.3656, -28.7393

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.



26.3760, 9.6746, -23.1318



25.2300, 1.3656, 28.7393



21.2290, -7.5079, -18.6178

Square

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



25.2300, 1.3656, 28.7393



26.6130, -13.1202, 8.2324



24.3240, 1.8123, -21.3321



24.7920, 18.8365, -21.7426

Rectangle

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



25.2300, 1.3656, 28.7393



25.8260, -12.7322, 23.8316



24.3240, 1.8123, -21.3321



26.8150, 13.8952, -23.5168

Sweetspot

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



25.2300, 1.3656, 28.7393



63.8920, 0.5462, 11.4957



22.6700, 17.4177, 13.4444



30.1580, 0.4151, 6.8774



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



25.2300, 1.3656, 28.7393



26.5570, 2.1904, 44.2385



25.8850, -8.8173, 28.1649



26.0110, -0.0054, 1.7444



31.7260, 2.6001, 52.8603



75.5130, 6.1561, 125.8381

Inverse Universe

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



25.2300, 1.3656, 28.7393



26.5570, 2.1904, 44.2385



40.1150, 8.8173, -28.1649



26.0110, -0.0054, 1.7444



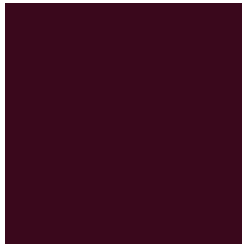
31.7260, 2.6001, 52.8603



75.5130, 6.1561, 125.8381

Previews

White Background



This preview shows how the YUV color 25.2300, 1.3656, 28.7393 looks on a white background.

Color Contrast Check

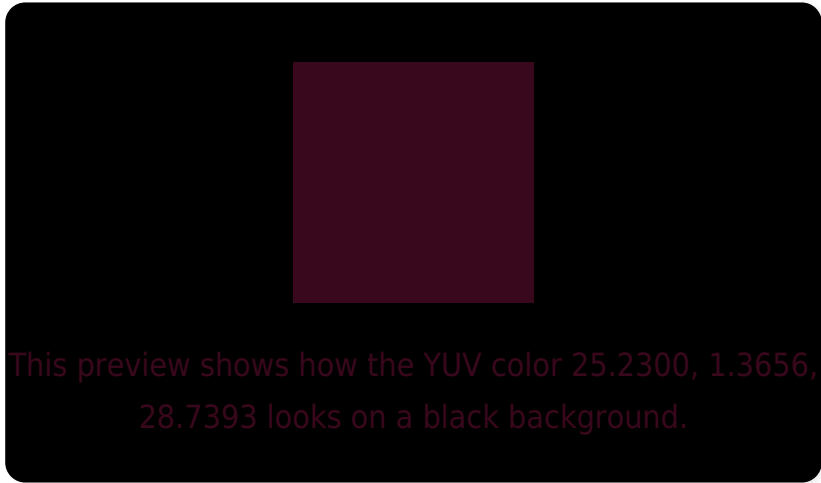
Large Text (above 18pt) WCAG AA ✓ Pass

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

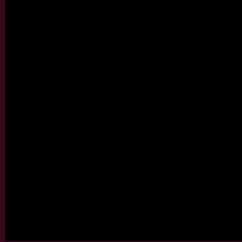
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.2300, 1.3656, 28.7393

Background



This preview shows how black text looks on a background with the YUV color 25.2300, 1.3656, 28.7393.



This preview shows how white text looks on a background with the YUV color 25.2300, 1.3656,

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

25.2300, 1.3656, 28.7393

Protanopia

30.4280, 4.2260, -2.1294

Deuteranopia

30.4520, -2.1948, 3.9886



Tritanopia

26.1560, -6.4859, 27.0502

Trichromacy



Original Color

25.2300, 1.3656, 28.7393

Protanomaly

28.5650, 3.1725, 9.1515

Deuteranomaly

28.2620, -0.6222, 12.9252

Tritanomaly

25.5520, -3.7231, 27.5799

Monochromacy



Original Color

25.2300, 1.3656, 28.7393

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.2300, 1.3656, 28.7393 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(58, 8, 28)` looks like.

```
.text, #text, p{  
    color:rgb(58, 8, 28)  
}
```

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(58, 8, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 8, 28) }
```

Border

The CSS property to change the border of an element to YUV 25.2300, 1.3656, 28.7393 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(58, 8, 28) }
```


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

```
.border{ border-color:rgb(58, 8, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 8, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 8, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 8, 28); box-shadow:4px  
4px 4px 4px rgb(58, 8, 28) }
```

Background

The CSS property to change the background color of an element to YUV 25.2300, 1.3656, 28.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 8, 28) }
```

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

```
.background{ background-color: rgb(58, 8,  
28) }
```

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