

Converting Colors

YUV(25.6250, 22.3699, 11.7299)

Have a look what the booklet for
YUV(25.6250, 22.3699, 11.7299)
contains.

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Color

**YUV(25.6250, 22.3699,
11.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	270A47
RGB	39, 10, 71
RGB Percent	15%, 4%, 28%
CMY	0.8471, 0.9608, 0.7216
CMYK	0.45, 0.86, 0.00, 0.72
HSL	269°, 75%, 16%
HSV	269°, 86%, 28%
XYZ	2.0826, 1.1033, 6.0644
YIQ	25.6250, -2.2970, 25.1190

Conversions

Conversions Part 2

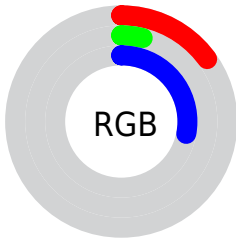
Format	Color
RYB	39, 10, 71
Decimal	2558535
CIELab	9.82, 28.60, -31.85
CIELCh	10, 42.810, 311.920
Yxy	1.1033, 0.2251, 0.1193
Android (android.graphics.Color)	4280748615 (0xFF270A47)
YUV	25.6250, 22.3699, 11.7299
Hunter-Lab	10.5040, 17.0080, -26.8778

Details

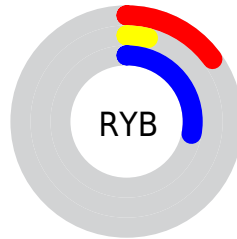
The YUV color **25.6250, 22.3699, 11.7299** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.3750, -22.3699, -11.7299**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.2770, 23.5274, 13.7891**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **20.3200, 24.9852, 12.8744**, and if you desaturate by 10%, it is **30.9300, 19.7545, 10.5854**.

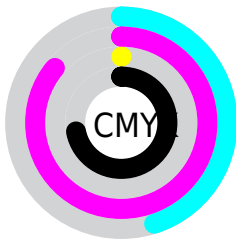
Distribution



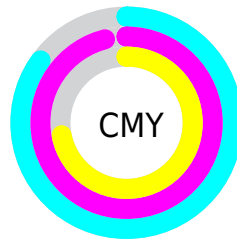
- Red (15%)
- Green (4%)
- Blue (28%)



- Red (15%)
- Yellow (4%)
- Blue (28%)



- Cyan (45%)
- Magenta (86%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (96%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.6250, 22.3699, 11.7299 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 25.6250, 22.3699, 11.7299 by changing the saturation by 10% instead.

■ 25.6250, 22.3699,
11.7299

■ 25.6250, 22.3699,
11.7299

■ 245.0210, 4.9196,
8.7516

■ 12.0500, 17.7233,
8.7261

■ 72.2770, 23.5274,
13.7891

■ 3.5510, 11.0674,
-3.1142

■ 96.5160, 24.3956,
15.3335

■ 0.0000, 0.0000,
0.0000


■ 122.0430, 25.1218,
15.7483


■ 147.8690, 25.7006,
16.7779


■ 175.0970, 26.5742,
16.5779


■ 202.5810, 25.8426,


17.9075


 227.1010, 13.7542,
21.8364


 25.6250, 22.3699,
11.7299


 25.6250, 22.3699,
11.7299


 20.3200, 24.9852,
12.8744


 30.9300, 19.7545,
10.5854

 18.2600, 26.0008,
13.8040

 35.9360, 17.2866,
8.8261

 41.2410, 14.6712,
7.6816

 46.5460, 12.0558,
6.5372

 52.4380, 9.1511,
4.8779

■ 57.4440, 6.6831,
3.1186

■ 62.7490, 4.0677,
1.9741

■ 68.0540, 1.4524,
0.8296

■ 73.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



26.1260, 29.0249, -22.9125



25.6250, 22.3699, 11.7299



25.2770, 10.2164, 36.5911

Triad

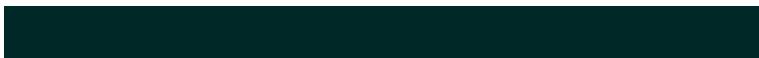
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.6250, 22.3699, 11.7299



25.8040, -12.7214, 20.3429



27.8120, 5.0227, -24.3911

Complementary

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



25.6250, 22.3699, 11.7299



55.3750, -22.3699, -11.7299

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.



23.1210, -10.4127, -20.2771



25.6250, 22.3699, 11.7299



25.0850, -12.3669, -0.0745

Square

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



25.6250, 22.3699, 11.7299



20.0330, -9.8763, 41.1901



21.1320, -10.4181, -18.5328



30.4170, 17.5424, -26.6757

Rectangle

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



25.6250, 22.3699, 11.7299



25.2040, 0.8854, 42.7941



21.1320, -10.4181, -18.5328



26.6720, 0.6547, -23.3913

Sweetspot

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



25.6250, 22.3699, 11.7299



74.0250, 8.8617, 4.3631



36.3250, 17.0948, -23.0870



35.3900, 5.2307, 2.2890



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



25.6250, 22.3699, 11.7299



23.6440, 33.6995, 17.8522



34.5950, 17.9477, 30.1732



33.0540, 1.4524, 0.8296



25.3390, 36.3149, 18.9967



58.1700, 83.2332, 43.7009

Inverse Universe

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



31.8870, 4.9857, 34.3021



32.9800, 7.4049, 51.7605



46.4050, -17.9477, -30.1732



33.4240, 0.2840, 2.2592



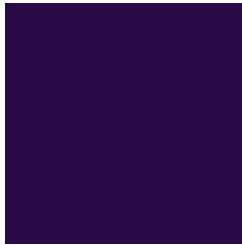
35.5290, 8.1202, 55.6641



81.4390, 18.5176, 127.6570

Previews

White Background



This preview shows how the YUV color 25.6250, 22.3699, 11.7299 looks on a white background.

Color Contrast Check

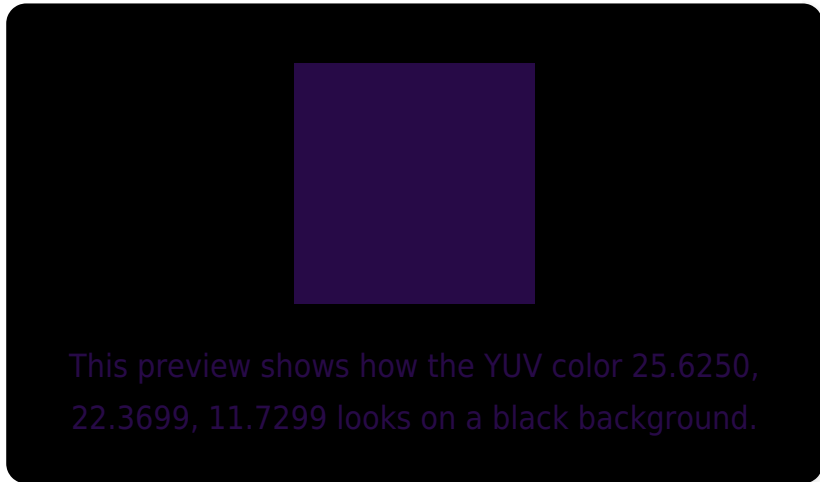
Large Text (above 18pt) WCAG AA ✓ Pass

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

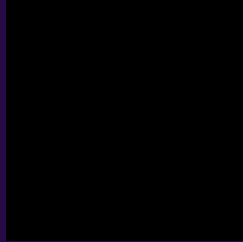
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.6250, 22.3699, 11.7299

Background



This preview shows how black text looks on a background with the YUV color 25.6250, 22.3699, 11.7299.



This preview shows how white text looks on a background with the YUV color 25.6250, 22.3699,

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

25.6250, 22.3699, 11.7299

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.4240, 13.5950, -20.5428



Tritanopia

29.2280, 0.8736, -0.2000

Trichromacy



Original Color

25.6250, 22.3699, 11.7299

Protanomaly

23.6950, 19.3774, -8.5025

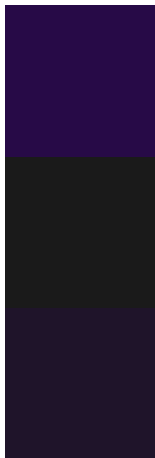
Deuteranomaly

24.2990, 16.6146, -9.0322

Tritanomaly

28.0250, 8.8617, 4.3631

Monochromacy



Original Color

25.6250, 22.3699, 11.7299

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.6250, 22.3699, 11.7299 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(39, 10, 71)` looks like.

```
.text, #text, p{  
    color:rgb(39, 10, 71)  
}
```

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(39, 10, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 10, 71) }
```

Border

The CSS property to change the border of an element to YUV 25.6250, 22.3699, 11.7299 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(39, 10, 71) }
```


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

```
.border{ border-color:rgb(39, 10, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 10, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 10, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 10, 71);  
box-shadow:4px 4px 4px 4px rgb(39, 10, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.6250, 22.3699, 11.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 10, 71) }
```

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

```
.background{ background-color: rgb(39, 10,  
71) }
```

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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