

Converting Colors

YUV(25.3840, 27.9117, 7.5562)

Have a look what the booklet for
YUV(25.3840, 27.9117, 7.5562)
contains.

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Color

**YUV(25.3840, 27.9117,
7.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	220A52
RGB	34, 10, 82
RGB Percent	13%, 4%, 32%
CMY	0.8667, 0.9608, 0.6784
CMYK	0.59, 0.88, 0.00, 0.68
HSL	260°, 78%, 18%
HSV	260°, 88%, 32%
XYZ	2.2912, 1.1664, 8.0870
YIQ	25.3840, -8.8080, 27.4800

Conversions

Conversions Part 2

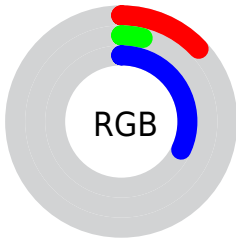
Format	Color
RYB	34, 10, 82
Decimal	2230866
CIELab	10.31, 31.05, -38.71
CIELCh	10, 49.624, 308.728
Yxy	1.1664, 0.1985, 0.1010
Android (android.graphics.Color)	4280420946 (0xFF220A52)
YUV	25.3840, 27.9117, 7.5562
Hunter-Lab	10.7998, 18.9697, -36.8371

Details

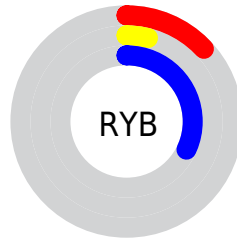
The YUV color **25.3840, 27.9117, 7.5562** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **66.6160, -27.9117, -7.5562**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.7480, 29.2112, 10.7450**, and **5.2780, 15.1459, -4.6288** is the 20% darker color. If you saturate the color by 10%, you get **19.1930, 30.9639, 8.6007**, and if you desaturate by 10%, it is **31.5750, 24.8595, 6.5117**.

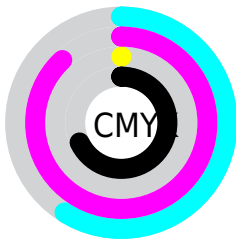
Distribution



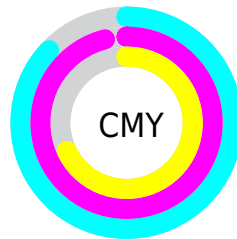
- Red (13%)
- Green (4%)
- Blue (32%)



- Red (13%)
- Yellow (4%)
- Blue (32%)



- Cyan (59%)
- Magenta (88%)
- Yellow (0%)
- Black (68%)



- Cyan (87%)
- Magenta (96%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.3840, 27.9117, 7.5562 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 25.3840, 27.9117, 7.5562 by changing the saturation by 10% instead.

■ 25.3840, 27.9117,
7.5562

■ 25.3840, 27.9117,
7.5562

■ 245.0210, 4.9196,
8.7516

■ 11.2110, 23.5600,
3.3230

■ 72.7480, 29.2112,
10.7450

■ 5.2780, 15.1459,
-4.6288

■ 97.6880, 30.2268,
11.6746

■ 1.3680, 5.2416,
-1.1997

■ 122.9270, 31.0950,
13.2190

■ 0.0000, 0.0000,
0.0000

■ 149.4540, 31.8212,
13.6338

■ 176.3940, 32.8368,
14.5635

■ 201.9830, 26.1374,

16.6779

■ 227.0900, 13.7596,
20.0921

■ 25.3840, 27.9117,
7.5562

■ 25.3840, 27.9117,
7.5562

■ 19.1930, 30.9639,
8.6007

■ 31.5750, 24.8595,
6.5117

■ 17.4210, 31.8374,
8.4008

■ 38.0650, 21.6600,
6.0820

■ 44.8430, 18.3184,
4.5227

■ 51.3330, 15.1188,
4.0930

■ 57.5240, 12.0667,
3.0485

■ 64.0140, 8.8671,
2.6187

■ 70.2050, 5.8149,
1.5742

■ 77.2820, 2.3260,
0.6297

■ 83.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



29.2550, 33.3983, -25.6566



25.3840, 27.9117, 7.5562



27.5700, 12.5370, 38.9651

Triad

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



25.3840, 27.9117, 7.5562



25.8370, -12.7376, 25.5760



28.8720, 4.0071, -25.3207

Complementary

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



25.3840, 27.9117, 7.5562



66.6160, -27.9117, -7.5562

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.



24.0670, -11.8650, -21.1068



25.3840, 27.9117, 7.5562



25.9820, -12.8091, 1.7698

Square

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



25.3840, 27.9117, 7.5562



22.1260, -10.9081, 45.4935



21.7190, -10.7075, -19.0476



32.6340, 18.4214, -28.6200

Rectangle

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



25.3840, 27.9117, 7.5562



27.7530, 1.6008, 46.6976



21.7190, -10.7075, -19.0476



27.0310, -0.5083, -23.7062

Sweetspot

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



25.3840, 27.9117, 7.5562



85.1820, 10.7563, 3.3484



46.3840, 17.5587, -31.9088



40.4330, 6.6885, 1.3743



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



25.3840, 27.9117, 7.5562



22.9620, 41.4307, 11.4343



36.1480, 22.6050, 29.6882



37.7550, 1.5998, 0.2149



22.4350, 40.7045, 11.0195



49.4710, 89.9868, 24.1429

Inverse Universe

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



37.0000, 10.3530, 39.4650



40.0870, 15.2401, 58.6827



55.8520, -22.6050, -29.6882



38.4240, 0.2840, 2.2592



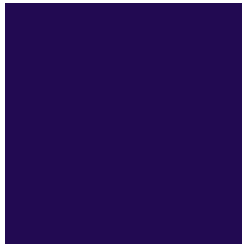
39.3750, 15.0981, 57.5531



87.0380, 33.5053, 127.1317

Previews

White Background



This preview shows how the YUV color 25.3840, 27.9117, 7.5562 looks on a white background.

Color Contrast Check

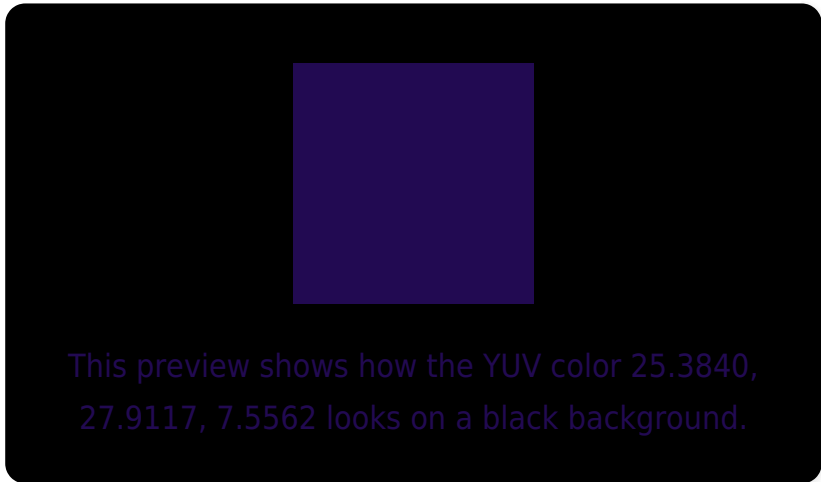
Large Text (above 18pt) WCAG AA ✓ Pass

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

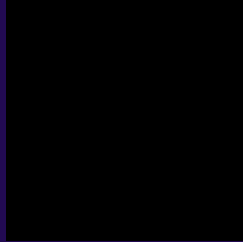
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.3840, 27.9117, 7.5562

Background



This preview shows how black text looks on a background with the YUV color 25.3840, 27.9117, 7.5562.



This preview shows how white text looks on a background with the YUV color 25.3840, 27.9117,

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

25.3840, 27.9117, 7.5562

Protanopia

23.9770, 18.2523, -21.0278

Deuteranopia

24.1250, 13.7424, -21.1576



Tritanopia

27.5470, 3.6743, -11.8807

Trichromacy



Original Color

25.3840, 27.9117, 7.5562

Protanomaly

24.3680, 22.0036, -10.8467

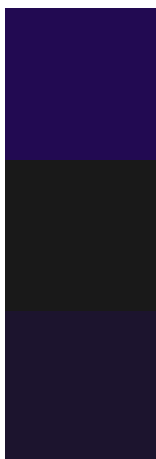
Deuteranomaly

24.2710, 19.0934, -10.7617

Tritanomaly

26.8820, 12.3832, -5.1585

Monochromacy



Original Color

25.3840, 27.9117, 7.5562

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.3840, 27.9117, 7.5562 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(34, 10, 82)` looks like.

```
.text, #text, p{  
    color:rgb(34, 10, 82)  
}
```

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(34, 10, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 10, 82) }
```

Border

The CSS property to change the border of an element to YUV 25.3840, 27.9117, 7.5562 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(34, 10, 82) }
```


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

```
.border{ border-color:rgb(34, 10, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 10, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 10, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 10, 82);  
box-shadow:4px 4px 4px 4px rgb(34, 10, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.3840, 27.9117, 7.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 10, 82) }
```

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

```
.background{ background-color: rgb(34, 10,  
82) }
```

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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