

Converting Colors

YUV(25.4250, 28.8775,
-22.2977)

Have a look what the booklet for
YUV(25.4250, 28.8775, -22.2977)
contains.

YUV(25.4250, 28.8775, -22.2977)	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(25.4250, 28.8775,
-22.2977)**

Conversions

Conversions Part 1

Format	Color
Hex	001B54
RGB	0, 27, 84
RGB Percent	0%, 11%, 33%
CMY	1.0000, 0.8941, 0.6706
CMYK	1.00, 0.68, 0.00, 0.67
HSL	221°, 100%, 16%
HSV	221°, 100%, 33%
XYZ	1.9922, 1.4240, 8.5574
YIQ	25.4250, -34.3890, 12.0030

Conversions

Conversions Part 2

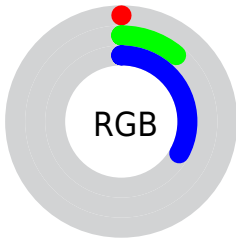
Format	Color
RYB	0, 20, 84
Decimal	6996
CIELab	12.12, 16.67, -37.19
CIElCh	12, 40.757, 294.139
Yxy	1.4240, 0.1664, 0.1189
Android (android.graphics.Color)	4278197076 (0xFF001B54)
YUV	25.4250, 28.8775, -22.2977
Hunter-Lab	11.9330, 8.9172, -34.1649

Details

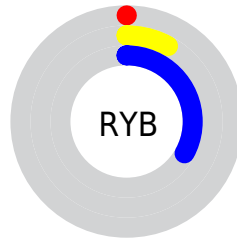
The YUV color **25.4250, 28.8775, -22.2977** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **58.5750, -28.8775, 22.2977**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2030, 28.9869, -10.7020**, and **5.5060, 16.0195, -4.8288** is the 20% darker color. If you saturate the color by 10%, you get **25.4250, 28.8775, -22.2977**, and if you desaturate by 10%, it is **31.3390, 25.9619, -20.4683**.

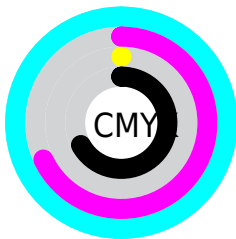
Distribution



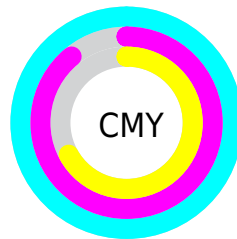
- Red (0%)
- Green (11%)
- Blue (33%)



- Red (0%)
- Yellow (8%)
- Blue (33%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.4250, 28.8775, -22.2977 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 25.4250, 28.8775, -22.2977 by changing the saturation by 10% instead.

■ 25.4250, 28.8775,
-22.2977

■ 25.4250, 28.8775,
-22.2977

■ 254.4130, 0.2894,
0.5148

■ 6.9540, 26.6447,
-6.0987

■ 75.2030, 28.9869,
-10.7020

■ 5.5060, 16.0195,
-4.8288

■ 99.5560, 30.2919,
-9.2576

■ 2.2970, 6.2626,
-2.0145

■ 125.3820, 30.8707,
-8.2280

■ 0.0000, 0.0000,
0.0000

■ 151.3220, 31.8863,
-7.2984

■ 178.5500, 32.7598,
-7.4984

■ 203.9110, 25.1869,

-5.1839

■ 229.0180, 12.8091,
-1.7698

■ 25.4250, 28.8775,
-22.2977

■ 31.3390, 25.9619,
-20.4683

■ 36.9650, 23.1883,
-17.5093

■ 42.8790, 20.2727,
-15.6799

■ 49.0920, 17.2096,
-13.2357

■ 55.0060, 14.2940,
-11.4063

■ 60.3330, 11.6678,
-9.0620

■ 66.5460, 8.6048,
-6.6178

■ 72.4600, 5.6892,
-4.7884

■ 78.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



31.8650, 28.1676, -27.9456



25.4250, 28.8775, -22.2977



28.2740, 18.1059, 26.0697

Triad

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



25.4250, 28.8775, -22.2977



27.6530, -13.6329, 32.7533



28.0910, -1.5239, -24.6358

Complementary

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



25.4250, 28.8775, -22.2977



58.5750, -28.8775, 22.2977

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



25.4250, 28.8775, -22.2977



30.4780, -15.0257, 12.7358

Square

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



25.4250, 28.8775, -22.2977



23.7070, -8.7296, 46.7380



27.1010, -13.3608, -7.9816



31.9840, 10.8539, -28.0500

Rectangle

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



25.4250, 28.8775, -22.2977



27.0000, 10.3530, 39.4650



27.1010, -13.3608, -7.9816



26.8370, -6.3286, -23.5360

Sweetspot

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



25.4250, 28.8775, -22.2977



86.6320, 11.5204, -8.4473



55.6920, 0.1518, -48.8419



41.8020, 6.9996, -5.0884



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



25.4250, 28.8775, -22.2977



33.0850, 37.9191, -29.0155



13.7620, 34.6273, 0.2087



38.0430, 1.4578, -0.9147



31.9280, 36.0245, -28.0009



70.4730, 79.6328, -61.8048

Inverse Universe

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



28.1940, -0.5886, 48.9419



36.8800, -0.9268, 64.1262



70.2380, -34.6273, -0.2087



38.3100, -0.1528, 2.3591



35.2710, -0.6266, 61.1523



77.9180, -1.4386, 135.1299

Previews

White Background



This preview shows how the YUV color 25.4250, 28.8775, -22.2977 looks on a white background.

Color Contrast Check

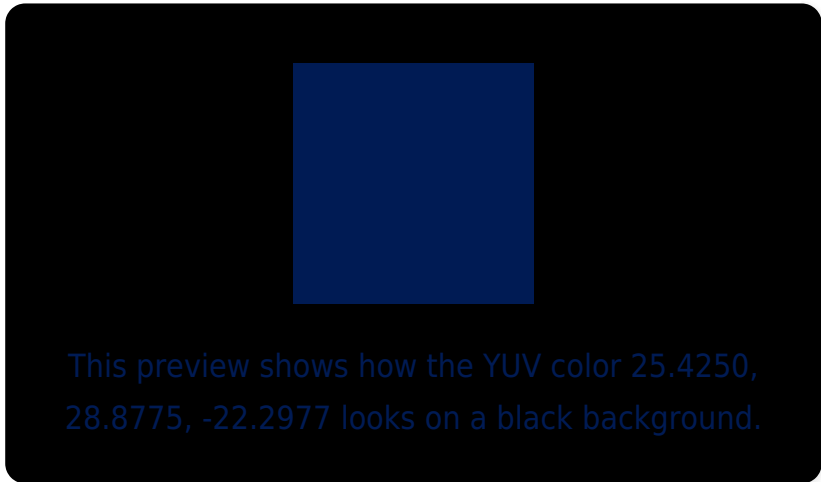
Large Text (above 18pt) WCAG AA ✓ Pass

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

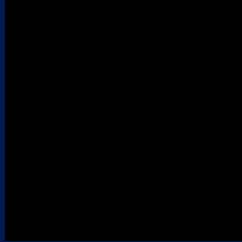
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.4250, 28.8775, -22.2977

Background



This preview shows how black text looks on a background with the YUV color 25.4250, 28.8775, -22.2977.



This preview shows how white text looks on a background with the YUV color 25.4250, 28.8775, -22.2977.

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

25.4250, 28.8775, -22.2977

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

26.5700, 15.4950, -23.3019



Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Original Color

25.4250, 28.8775, -22.2977

Protanomaly

26.0460, 23.6413, -22.8423

Deuteranomaly

25.8350, 20.2943, -22.6573

Tritanomaly

25.6410, 14.4740, -22.4872

Monochromacy



Original Color

25.4250, 28.8775, -22.2977

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.2900, 10.2100, -8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.4250, 28.8775, -22.2977 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(0, 27, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 84)  
}
```

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(0, 27, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 84) }
```

Border

The CSS property to change the border of an element to YUV 25.4250, 28.8775, -22.2977 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(0, 27, 84) }
```


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

```
.border{ border-color:rgb(0, 27, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 84); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 27, 84); box-shadow:4px  
4px 4px 4px rgb(0, 27, 84) }
```

Background

The CSS property to change the background color of an element to YUV 25.4250, 28.8775, -22.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 84) }
```

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

```
.background{ background-color: rgb(0, 27,  
84) }
```

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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