

Converting Colors

YUV(25.0530, 30.0469, 22.7555)

Have a look what the booklet for
YUV(25.0530, 30.0469, 22.7555)
contains.

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Color

**YUV(25.0530, 30.0469,
22.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	330056
RGB	51, 0, 86
RGB Percent	20%, 0%, 34%
CMY	0.8000, 1.0000, 0.6627
CMYK	0.41, 1.00, 0.00, 0.66
HSL	276°, 100%, 17%
HSV	276°, 100%, 34%
XYZ	3.0450, 1.3757, 8.9091
YIQ	25.0530, 2.7900, 37.5580

Conversions

Conversions Part 2

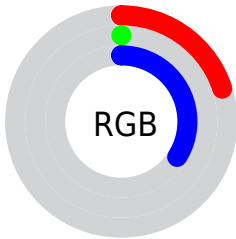
Format	Color
R_{YB}	51, 0, 86
Decimal	3342422
CIE _{Lab}	11.79, 38.99, -38.90
CIE _{LCh}	12, 55.083, 315.066
Yxy	1.3757, 0.2284, 0.1032
Android (android.graphics.Color)	4281532502 (0xFF330056)
YUV	25.0530, 30.0469, 22.7555
Hunter-Lab	11.7290, 25.8145, -36.8254

Details

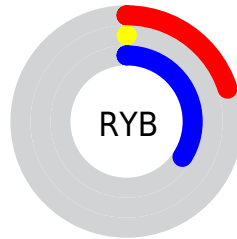
The YUV color **25.0530, 30.0469, 22.7555** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **60.9470, -30.0469, -22.7555**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.0530, 30.0469, 22.7555**, and **4.4460, 17.0351, -3.8991** is the 20% darker color. If you saturate the color by 10%, you get **25.0530, 30.0469, 22.7555**, and if you desaturate by 10%, it is **31.2330, 27.0001, 19.9667**.

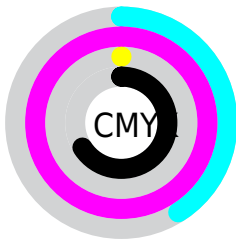
Distribution



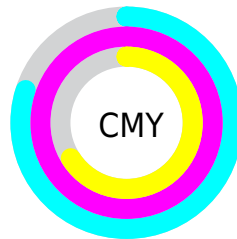
- Red (20%)
- Green (0%)
- Blue (34%)



- Red (20%)
- Yellow (0%)
- Blue (34%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (80%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0530, 30.0469, 22.7555 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 25.0530, 30.0469, 22.7555 by changing the saturation by 10% instead.

■ 25.0530, 30.0469,
22.7555

■ 25.0530, 30.0469,
22.7555

■ 243.8470, 5.4984,
9.7812

■ 15.7390, 22.8067,
11.6299

■ 76.0530, 30.0469,
22.7555

■ 4.4460, 17.0351,
-3.8991

■ 101.1780, 30.4782,
24.3999

■ 2.5250, 7.1362,
-2.2144

■ 127.1180, 31.4938,
25.3295

■ 0.0000, 0.0000,
0.0000

■ 153.9440, 32.0726,
26.3591

■ 181.3570, 32.3620,
26.8739

■ 206.7890, 23.7680,

30.0030

■ 227.4110, 13.6014,
24.1956

■ 25.0530, 30.0469,
22.7555

■ 31.2330, 27.0001,
19.9667

■ 37.1250, 24.0954,
18.3074

■ 43.3050, 21.0486,
15.5185

■ 49.1970, 18.1439,
13.8592

■ 55.3770, 15.0971,
11.0704

■ 61.8560, 11.9030,
8.8963

■ 67.4490, 9.1456,
6.6222

■ 73.9280, 5.9515,
4.4481

■ 79.8200, 3.0467,
2.7889

Harmonies

Analogous

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



30.3950, 37.7663, -26.6564



25.0530, 30.0469, 22.7555



31.3430, 10.1839, 47.0572

Triad

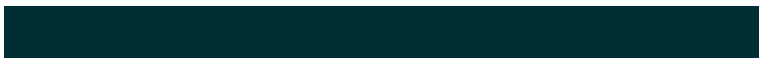
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0530, 30.0469, 22.7555



29.3590, -14.4740, 22.4872



32.7020, 8.5279, -28.6797

Complementary

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



25.0530, 30.0469, 22.7555



60.9470, -30.0469, -22.7555

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.



27.0990, -10.4018, -23.7658



25.0530, 30.0469, 22.7555



27.1230, -13.3716, -4.4929

Square

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



25.0530, 30.0469, 22.7555



23.6210, -11.6452, 48.5674



24.6540, -12.1544, -21.6216



36.1050, 24.1052, -31.6641

Rectangle

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



25.0530, 30.0469, 22.7555



30.2870, -1.6205, 53.2453



24.6540, -12.1544, -21.6216



30.6330, 3.1389, -26.8651

Sweetspot

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



25.0530, 30.0469, 22.7555



88.7420, 11.4662, 8.9963



30.9360, 27.1466, -27.1309



41.8680, 6.9671, 5.3778



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.



25.0530, 30.0469, 22.7555



32.8010, 39.0451, 29.9925



34.7200, 21.8300, 44.9726



40.3530, 1.3050, 1.4444



31.3340, 37.3033, 28.6481



68.3510, 82.1580, 61.9592

Inverse Universe

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



29.7040, 2.6109, 49.3716



38.7320, 3.5831, 64.2560



51.2800, -21.8300, -44.9726



40.4240, 0.2840, 2.2592



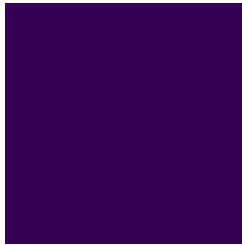
37.0090, 3.4466, 61.3821



81.0950, 6.8552, 134.9747

Previews

White Background



This preview shows how the YUV color 25.0530, 30.0469, 22.7555 looks on a white background.

Color Contrast Check

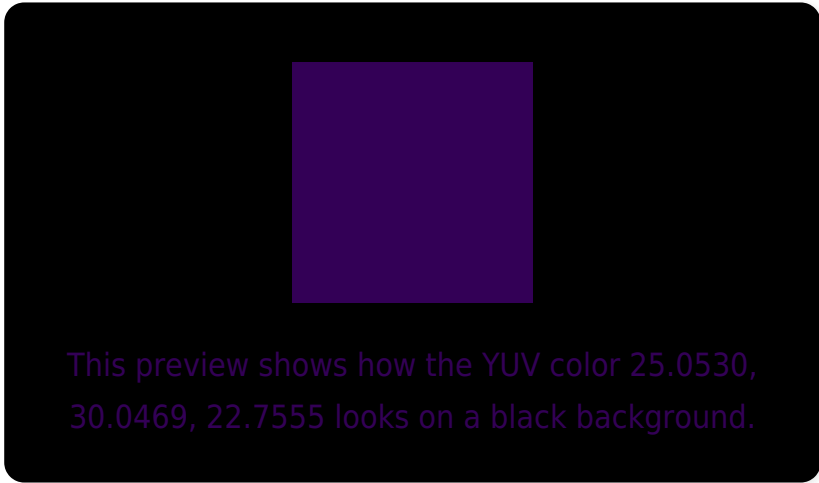
Large Text (above 18pt) WCAG AA ✓ Pass

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

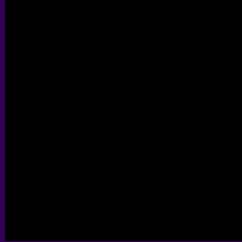
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0530, 30.0469, 22.7555

Background



This preview shows how black text looks on a background with the YUV color 25.0530, 30.0469, 22.7555.



This preview shows how white text looks on a background with the YUV color 25.0530, 30.0469,

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



Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.2000, 16.6634, -24.7314

Tritanopia

36.0220, -0.0108, 3.4887

Trichromacy



Protanomaly

27.3730, 24.4661, -7.3431

Deuteranomaly

27.2760, 21.5559, -7.2581

Tritanomaly

32.2260, 10.7346, 10.3258

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9160, 10.8874, 7.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0530, 30.0469, 22.7555 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(51, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(51, 0, 86)  
}
```

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(51, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 0, 86) }
```

Border

The CSS property to change the border of an element to YUV 25.0530, 30.0469, 22.7555 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(51, 0, 86) }
```

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

```
.border{ border-color:rgb(51, 0, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 0, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 0, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 0, 86); box-shadow:4px  
4px 4px 4px rgb(51, 0, 86) }
```


Background

The CSS property to change the background color of an element to YUV 25.0530, 30.0469, 22.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 0, 86) }
```

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

```
.background{ background-color: rgb(51, 0,  
86) }
```

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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