

Converting Colors

YUV(25.8490, 22.7524, 29.0734)

Have a look what the booklet for
YUV(25.8490, 22.7524, 29.0734)
contains.

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Color

**YUV(25.8490, 22.7524,
29.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	3B0048
RGB	59, 0, 72
RGB Percent	23%, 0%, 28%
CMY	0.7686, 1.0000, 0.7176
CMYK	0.18, 1.00, 0.00, 0.72
HSL	289°, 100%, 14%
HSV	289°, 100%, 28%
XYZ	2.9733, 1.3977, 6.2440
YIQ	25.8490, 12.0520, 34.9000

Conversions

Conversions Part 2

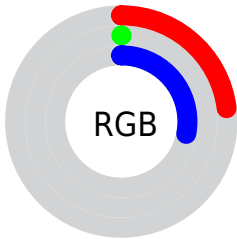
Format	Color
R_{YB}	59, 0, 72
Decimal	3866696
CIE _{Lab}	11.94, 37.10, -28.95
CIE _{LCh}	12, 47.061, 322.039
Yxy	1.3977, 0.2801, 0.1317
Android (android.graphics.Color)	4282056776 (0xFF3B0048)
YUV	25.8490, 22.7524, 29.0734
Hunter-Lab	11.8224, 24.2036, -23.0382

Details

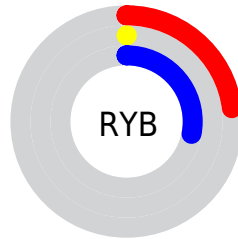
The YUV color **25.8490, 22.7524, 29.0734** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.1510, -22.7524, -29.0734**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.3220, 22.0263, 28.6586**, and **3.0780, 11.7935, -2.6994** is the 20% darker color. If you saturate the color by 10%, you get **25.8490, 22.7524, 29.0734**, and if you desaturate by 10%, it is **30.2570, 20.5793, 26.0846**.

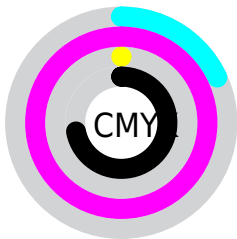
Distribution



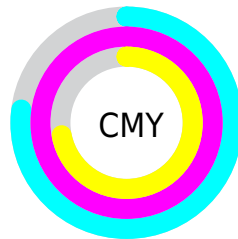
- Red (23%)
- Green (0%)
- Blue (28%)



- Red (23%)
- Yellow (0%)
- Blue (28%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (77%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8490, 22.7524, 29.0734 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 25.8490, 22.7524, 29.0734 by changing the saturation by 10% instead.

■ 25.8490, 22.7524,
29.0734

■ 25.8490, 22.7524,
29.0734

■ 244.4340, 5.2090,
9.2664

■ 16.9480, 15.8016,
18.4626

■ 76.3220, 22.0263,
28.6586

■ 3.0780, 11.7935,
-2.6994

■ 102.0340, 22.1682,
29.7882

■ 0.0000, 0.0000,
0.0000

■ 127.8600, 22.7470,
30.8178

■ 154.2730, 23.0364,
31.3326

■ 181.5120, 23.9046,
32.8770

■ 208.8820, 22.7362,

34.3065

■ 227.4110, 13.6014,
24.1956

■ 25.8490, 22.7524,
29.0734

■ 30.2570, 20.5793,
26.0846

■ 34.9640, 18.2587,
23.7106

■ 39.9590, 15.7962,
20.2070

■ 44.3670, 13.6231,
17.2181

■ 49.0740, 11.3025,
14.8441

■ 53.4820, 9.1294,
11.8553

■ 57.8900, 6.9562,
8.8665

■ 62.8850, 4.4937,
5.3629

■ 67.5920, 2.1731,
2.9888

Harmonies

Analogous

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



26.4510, 32.8087, -23.1975



25.8490, 22.7524, 29.0734



29.0070, 6.4055, 45.5979

Triad

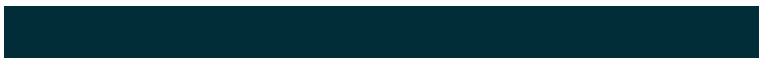
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8490, 22.7524, 29.0734



29.9020, -14.7417, 14.9949



32.6850, 11.0013, -28.6647

Complementary

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



25.8490, 22.7524, 29.0734



46.1510, -22.7524, -29.0734

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.



28.2220, -3.5604, -24.7507



25.8490, 22.7524, 29.0734



26.5030, -13.0660, -9.2111

Square

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



25.8490, 22.7524, 29.0734



23.8650, -11.7654, 40.4604



24.6540, -12.1544, -21.6216



34.7030, 23.8104, -30.4345

Rectangle

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



25.8490, 22.7524, 29.0734



27.3960, -3.6462, 49.6417



24.6540, -12.1544, -21.6216



31.4310, 6.1965, -27.5650

Sweetspot

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



25.8490, 22.7524, 29.0734



76.0690, 8.8400, 11.3405



15.8390, 27.6874, -13.8908



37.1240, 5.3619, 6.9073



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



25.8490, 22.7524, 29.0734



33.7390, 29.7087, 37.9399



27.1140, 10.7898, 39.3650



33.3530, 1.3050, 1.4444



35.5050, 31.3030, 39.8991



81.4920, 71.7354, 91.6535

Inverse Universe

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



23.0100, -4.9349, 42.9642



30.0440, -6.4307, 56.0894



44.8860, -10.7898, -39.3650



33.3100, -0.1528, 2.3591



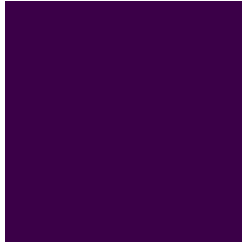
31.6530, -6.7309, 59.0633



72.5470, -15.5527, 135.4553

Previews

White Background



This preview shows how the YUV color 25.8490, 22.7524, 29.0734 looks on a white background.

Color Contrast Check

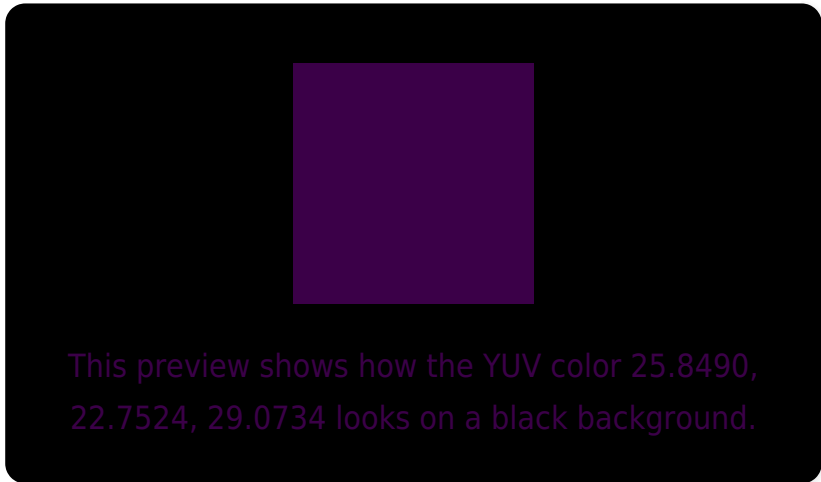
Large Text (above 18pt) WCAG AA ✓ Pass

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

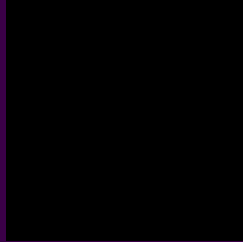
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8490, 22.7524, 29.0734

Background



This preview shows how black text looks on a background with the YUV color 25.8490, 22.7524, 29.0734.



This preview shows how white text looks on a background with the YUV color 25.8490, 22.7524,

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

28.8670, 21.7576, -25.3164

Deuteranopia

29.0150, 17.2476, -25.4462

Tritanopia

35.7030, -2.8116, 15.1695

Trichromacy



Protanomaly

27.5150, 22.4241, -5.7137

Deuteranomaly

28.0050, 19.2245, -6.1434

Tritanomaly

32.1410, 6.3395, 20.0473

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2430, 8.2612, 10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8490, 22.7524, 29.0734 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(59, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(59, 0, 72)  
}
```

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(59, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 0, 72) }
```

Border

The CSS property to change the border of an element to YUV 25.8490, 22.7524, 29.0734 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(59, 0, 72) }
```

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

```
.border{ border-color:rgb(59, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 0, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 0, 72); box-shadow:4px  
4px 4px 4px rgb(59, 0, 72) }
```


Background

The CSS property to change the background color of an element to YUV 25.8490, 22.7524, 29.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 0, 72) }
```

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

```
.background{ background-color: rgb(59, 0,  
72) }
```

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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