

Converting Colors

YUV(22.4890, 5.1819, 17.9881)

Have a look what the booklet for
YUV(22.4890, 5.1819, 17.9881)
contains.

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Color

**YUV(22.4890, 5.1819,
17.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0A21
RGB	43, 10, 33
RGB Percent	17%, 4%, 13%
CMY	0.8314, 0.9608, 0.8706
CMYK	0.00, 0.77, 0.23, 0.83
HSL	318°, 62%, 10%
HSV	318°, 77%, 17%
XYZ	1.3793, 0.8405, 1.5284
YIQ	22.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

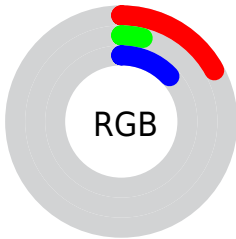
Format	Color
RYB	43, 10, 33
Decimal	2820641
CIELab	7.59, 20.27, -7.57
CIELCh	8, 21.636, 339.522
Yxy	0.8405, 0.3680, 0.2242
Android (android.graphics.Color)	4281010721 (0xFF2B0A21)
YUV	22.4890, 5.1819, 17.9881
Hunter-Lab	9.1678, 10.8122, -3.4669

Details

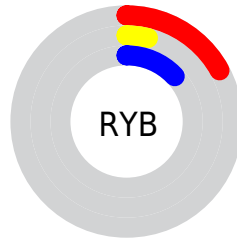
The YUV color **22.4890, 5.1819, 17.9881** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30.5110, -5.1819, -17.9881**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3860, 4.7397, 19.8325**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.0270, 5.9027, 20.1473**, and if you desaturate by 10%, it is **24.9510, 4.4612, 15.8290**.

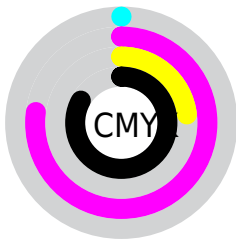
Distribution



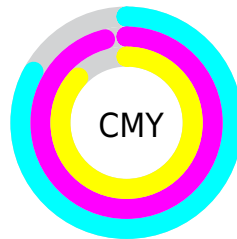
- Red (17%)
- Green (4%)
- Blue (13%)



- Red (17%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (23%)
- Black (83%)



- Cyan (83%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4890, 5.1819, 17.9881 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 22.4890, 5.1819, 17.9881 by changing the saturation by 10% instead.

■ 22.4890, 5.1819,
17.9881

■ 22.4890, 5.1819,
17.9881

■ 243.2600, 5.7878,
10.2960

■ 6.7070, 1.1304,
10.7810

■ 67.3860, 4.7397,
19.8325

■ 0.0000, 0.0000,
0.0000

■ 91.0980, 4.8817,
20.9621


■ 115.8100, 5.0237,
22.0916

■ 141.5220, 5.1657,
23.2212

■ 167.9350, 5.4550,
23.7360

■ 195.2340, 5.3076,


24.3508

 223.5330, 5.1602,
24.9656


 22.4890, 5.1819,
17.9881


 22.4890, 5.1819,
17.9881

 20.0270, 5.9027,
20.1473


 24.9510, 4.4612,
15.8290


 16.8640, 6.4760,
22.9213

 28.1140, 3.8878,
13.0550

 16.2770, 6.7654,
23.4361

 30.5760, 3.1670,
10.8958

 33.0380, 2.4463,
8.7367

 36.2010, 1.8729,
5.9627

■ 38.6630, 1.1521,
3.8035

■ 41.1250, 0.4314,
1.6444

■ 43.5870, -0.2894,
-0.5148

■ 46.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



23.7800, 10.4615, 4.5779



22.4890, 5.1819, 17.9881



21.1000, -1.5283, 23.5913

Triad

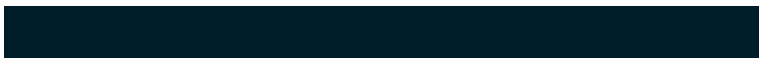
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.4890, 5.1819, 17.9881



21.8620, -10.7780, 3.6290



22.2840, 9.2270, -19.5431

Complementary

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



22.4890, 5.1819, 17.9881



30.5110, -5.1819, -17.9881

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.



21.2750, 2.8224, -18.6582



22.4890, 5.1819, 17.9881



17.9420, -8.8454, -9.5961

Square

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



22.4890, 5.1819, 17.9881



21.9280, -10.8105, 14.0951



18.5220, -5.1873, -16.2438



21.4350, 13.5895, -18.7985

Rectangle

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



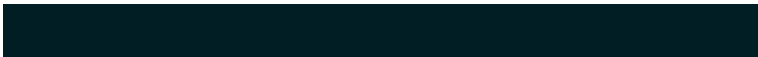
22.4890, 5.1819, 17.9881



20.5640, -8.6591, 24.0614



18.5220, -5.1873, -16.2438



21.7140, 7.0430, -19.0432

Sweetspot

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



22.4890, 5.1819, 17.9881



47.9130, 2.0149, 7.0923



16.7520, 12.9403, 2.8485



23.0760, 1.4415, 4.3183



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



22.4890, 5.1819, 17.9881



23.6520, 8.0596, 28.3692



20.6650, -1.8068, 19.5878



18.8260, 0.5788, 1.0296



31.8420, 13.3889, 45.7426



80.2600, 33.3958, 115.5360

Inverse Universe

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



22.4890, 5.1819, 17.9881



23.6520, 8.0596, 28.3692



32.3350, 1.8068, -19.5878



18.8260, 0.5788, 1.0296



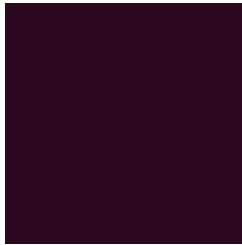
31.8420, 13.3889, 45.7426



80.2600, 33.3958, 115.5360

Previews

White Background



This preview shows how the YUV color 22.4890, 5.1819, 17.9881 looks on a white background.

Color Contrast Check

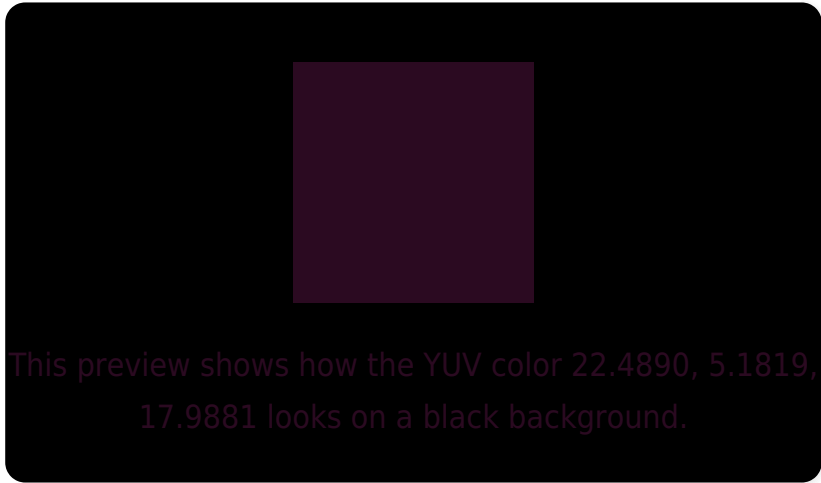
Large Text (above 18pt) WCAG AA ✓ Pass

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

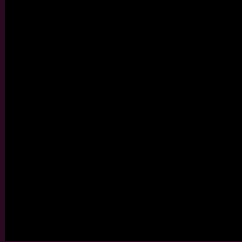
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4890, 5.1819, 17.9881

Background



This preview shows how black text looks on a background with the YUV color 22.4890, 5.1819, 17.9881.



This preview shows how white text looks on a background with the YUV color 22.4890, 5.1819,

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

22.4890, 5.1819, 17.9881

Protanopia

23.5890, 10.0626, -7.5326

Deuteranopia

24.4990, 3.2050, -1.3146



Tritanopia

23.7740, -3.8326, 15.9842

Trichromacy



Original Color

22.4890, 5.1819, 17.9881

Protanomaly

23.1880, 8.2883, 1.5891

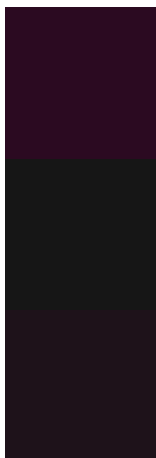
Deuteranomaly

23.7710, 4.0569, 5.4628

Tritanomaly

23.2840, -0.6330, 16.4139

Monochromacy



Original Color

22.4890, 5.1819, 17.9881

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.5000, 1.7255, 6.5775

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4890, 5.1819, 17.9881 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(43, 10, 33)` looks like.

```
.text, #text, p{  
    color:rgb(43, 10, 33)  
}
```

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(43, 10, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 10, 33) }
```

Border

The CSS property to change the border of an element to YUV 22.4890, 5.1819, 17.9881 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(43, 10, 33) }
```


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

```
.border{ border-color:rgb(43, 10, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 10, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 10, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 10, 33);  
box-shadow:4px 4px 4px 4px rgb(43, 10, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.4890, 5.1819, 17.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 10, 33) }
```

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

```
.background{ background-color: rgb(43, 10,  
33) }
```

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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