

Converting Colors

YUV(21.7710, 7.5079, 18.6178)

Have a look what the booklet for
YUV(21.7710, 7.5079, 18.6178)
contains.

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Color

**YUV(21.7710, 7.5079,
18.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0825
RGB	43, 8, 37
RGB Percent	17%, 3%, 15%
CMY	0.8314, 0.9686, 0.8549
CMYK	0.00, 0.81, 0.14, 0.83
HSL	310°, 69%, 10%
HSV	310°, 81%, 17%
XYZ	1.4170, 0.8208, 1.8340
YIQ	21.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

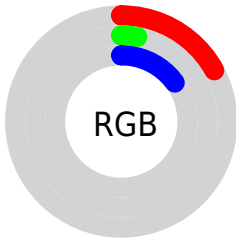
Format	Color
R_{YB}	43, 8, 37
Decimal	2820133
CIE Lab	7.41, 22.14, -10.90
CIE LCh	7, 24.673, 333.787
Yxy	0.8208, 0.3480, 0.2016
Android (android.graphics.Color)	4281010213 (0xFF2B0825)
YUV	21.7710, 7.5079, 18.6178
Hunter-Lab	9.0600, 12.0634, -5.6601

Details

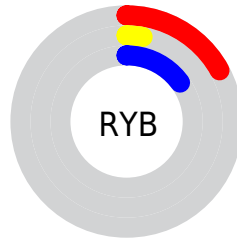
The YUV color **21.7710, 7.5079, 18.6178** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.2290, -7.5079, -18.6178**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.7820, 7.5025, 20.3622**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.3090, 8.2287, 20.7770**, and if you desaturate by 10%, it is **24.2330, 6.7871, 16.4587**.

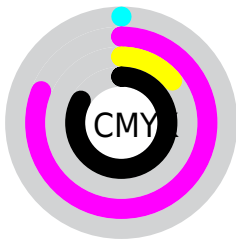
Distribution



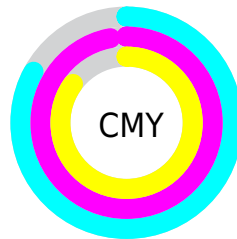
- Red (17%)
- Green (3%)
- Blue (15%)



- Red (17%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (14%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.7710, 7.5079, 18.6178 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 21.7710, 7.5079, 18.6178 by changing the saturation by 10% instead.

■ 21.7710, 7.5079,
18.6178

■ 21.7710, 7.5079,
18.6178

■ 242.6730, 6.0772,
10.8108

■ 7.3910, 3.7512,
10.1811

■ 66.7820, 7.5025,
20.3622

■ 0.0000, 0.0000,
0.0000

■ 90.4940, 7.6445,
21.4918

■ 115.7930, 7.4971,
22.1065

■ 141.5050, 7.6390,
23.2361

■ 167.9180, 7.9284,
23.7509


■ 195.3310, 8.2178,


24.2657


 223.0430, 8.3598,
25.3953


 21.7710, 7.5079,
18.6178

 21.7710, 7.5079,
18.6178


 19.3090, 8.2287,
20.7770


 24.2330, 6.7871,
16.4587

 16.9610, 9.3862,
22.8362

 27.1680, 5.3402,
13.8847

 29.6300, 4.6194,
11.7255

 32.0920, 3.8986,
9.5663

 35.1410, 2.8885,
6.8923

■ 37.4890, 1.7309,
4.8331

■ 39.9510, 1.0102,
2.6740

■ 42.4130, 0.2894,
0.5148

■ 45.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



22.8550, 13.3825, 1.0042



21.7710, 7.5079, 18.6178



19.6920, 0.6448, 26.5801

Triad

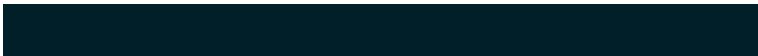
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.7710, 7.5079, 18.6178



21.2860, -10.4940, 5.8882



22.7570, 8.5008, -19.9579

Complementary

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



21.7710, 7.5079, 18.6178



29.2290, -7.5079, -18.6178

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.



21.5200, 1.2226, -18.8730



21.7710, 7.5079, 18.6178



17.6430, -8.6980, -10.2109

Square

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



21.7710, 7.5079, 18.6178



21.6510, -10.6739, 16.9691



17.6100, -8.6817, -15.4440



22.3640, 14.6105, -19.6132

Rectangle

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



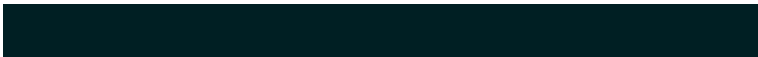
21.7710, 7.5079, 18.6178



18.6400, -7.2175, 28.3797



17.6100, -8.6817, -15.4440



22.1870, 6.3168, -19.4580

Sweetspot

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



21.7710, 7.5079, 18.6178



48.1410, 2.8885, 6.8923



13.7840, 14.4035, 0.1894



23.1900, 1.8783, 4.2184



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.



21.7710, 7.5079, 18.6178



22.6890, 11.9853, 29.2137



19.8330, 0.0823, 20.3175



18.8260, 0.5788, 1.0296



33.0960, 18.1937, 44.6428



83.3380, 45.1894, 112.8366

Inverse Universe

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



21.7710, 7.5079, 18.6178



22.6890, 11.9853, 29.2137



31.1670, -0.0823, -20.3175



18.8260, 0.5788, 1.0296



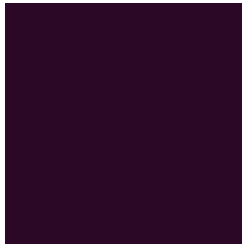
33.0960, 18.1937, 44.6428



83.3380, 45.1894, 112.8366

Previews

White Background



This preview shows how the YUV color 21.7710, 7.5079, 18.6178 looks on a white background.

Color Contrast Check

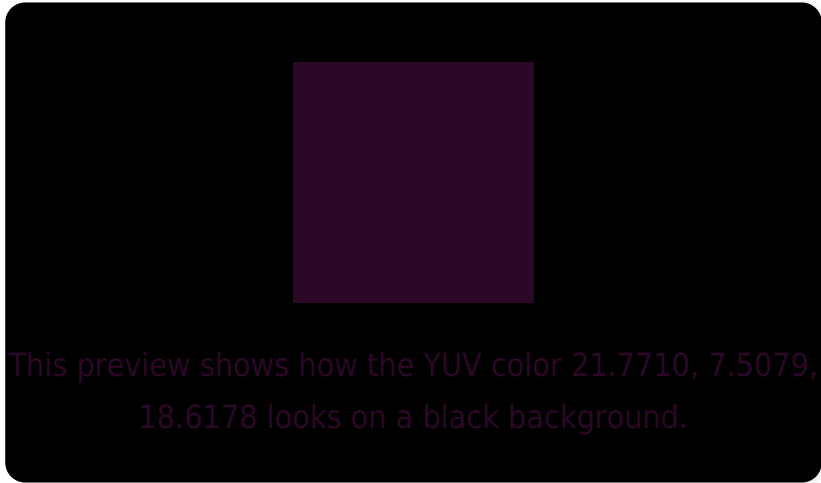
Large Text (above 18pt) WCAG AA ✓ Pass

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

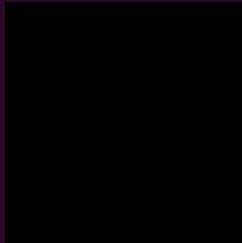
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.7710, 7.5079, 18.6178

Background



This preview shows how black text looks on a background with the YUV color 21.7710, 7.5079, 18.6178.



This preview shows how white text looks on a background with the YUV color 21.7710, 7.5079,

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

21.7710, 7.5079, 18.6178

Protanopia

20.9840, 14.3049, -14.8950

Deuteranopia

24.3570, 5.2470, -2.9441



Tritanopia

23.5890, -3.2484, 15.2694

Trichromacy



Original Color

21.7710, 7.5079, 18.6178

Protanomaly

21.0780, 11.7935, -2.6994

Deuteranomaly

23.3410, 6.2409, 4.9629

Tritanomaly

22.9250, 0.5300, 16.7288

Monochromacy



Original Color

21.7710, 7.5079, 18.6178

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.7710, 7.5079, 18.6178 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, 8, 37)` looks like.

```
.text, #text, p{  
    color:rgb(43, 8, 37)  
}
```

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, 8, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 8, 37) }
```

Border

The CSS property to change the border of an element to YUV 21.7710, 7.5079, 18.6178 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, 8, 37) }
```


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

```
.border{ border-color:rgb(43, 8, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 8, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 8, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 8, 37); box-shadow:4px  
4px 4px 4px rgb(43, 8, 37) }
```

Background

The CSS property to change the background color of an element to YUV 21.7710, 7.5079, 18.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 8, 37) }
```

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

```
.background{ background-color: rgb(43, 8,  
37) }
```

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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