

Converting Colors

YUV(21.7750, 28.2119, 4.5823)

Have a look what the booklet for
YUV(21.7750, 28.2119, 4.5823)
contains.

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Color

**YUV(21.7750, 28.2119,
4.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	1B084F
RGB	27, 8, 79
RGB Percent	11%, 3%, 31%
CMY	0.8941, 0.9686, 0.6902
CMYK	0.66, 0.90, 0.00, 0.69
HSL	256°, 82%, 17%
HSV	256°, 90%, 31%
XYZ	1.9501, 0.9712, 7.4818
YIQ	21.7750, -11.4670, 26.1090

Conversions

Conversions Part 2

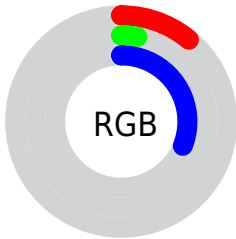
Format	Color
R_{YB}	27, 8, 79
Decimal	1771599
CIE Lab	8.75, 30.20, -39.25
CIE LCh	9, 49.524, 307.581
Yxy	0.9712, 0.1875, 0.0934
Android (android.graphics.Color)	4279961679 (0xFF1B084F)
YUV	21.7750, 28.2119, 4.5823
Hunter-Lab	9.8549, 18.0759, -38.1144

Details

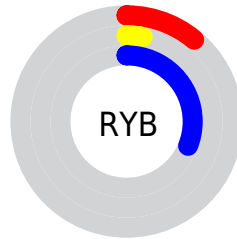
The YUV color **21.7750, 28.2119, 4.5823** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **65.2250, -28.2119, -4.5823**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.8510, 29.6535, 8.9007**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **15.2850, 31.4115, 5.0121**, and if you desaturate by 10%, it is **28.2650, 25.0124, 4.1526**.

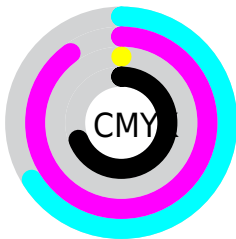
Distribution



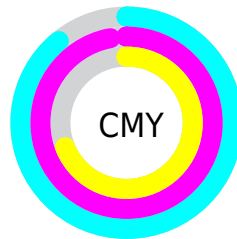
- Red (11%)
- Green (3%)
- Blue (31%)



- Red (11%)
- Yellow (3%)
- Blue (31%)



- Cyan (66%)
- Magenta (90%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (97%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.7750, 28.2119, 4.5823 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 21.7750, 28.2119, 4.5823 by changing the saturation by 10% instead.

■ 21.7750, 28.2119,
4.5823

■ 21.7750, 28.2119,
4.5823

■ 242.6730, 6.0772,
10.8108

■ 7.5800, 23.8711,
-3.1397

■ 68.8510, 29.6535,
8.9007

■ 4.9360, 13.8356,
-4.3289

■ 93.6770, 30.2322,
9.9303

■ 0.6840, 2.6208,
-0.5999

■ 118.7310, 31.6846,
10.7599


■ 0.0000, 0.0000,
0.0000


■ 144.8560, 32.1160,
12.4043


■ 171.4970, 33.2790,
12.7191


■ 197.8410, 28.1794,


15.0484


 222.9480, 15.8016,
18.4626


 21.7750, 28.2119,
4.5823


 21.7750, 28.2119,
4.5823


 15.2850, 31.4115,
5.0121

 28.2650, 25.0124,
4.1526

 34.7550, 21.8128,
3.7229

 40.9460, 18.7606,
2.6784

 47.4360, 15.5611,
2.2486

 53.9260, 12.3615,
1.8189

■ 59.8290, 9.4513,
1.9040

■ 66.3190, 6.2517,
1.4742

■ 72.5100, 3.1996,
0.4297

■ 79.0000, 0.0000,
0.0000

Harmonies

Analogous

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



27.0380, 32.5193, -23.7123



21.7750, 28.2119, 4.5823



25.8470, 12.4004, 36.0912

Triad

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



21.7750, 28.2119, 4.5823



22.5920, -11.1379, 25.7908



25.4810, 3.7069, -22.3468

Complementary

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



21.7750, 28.2119, 4.5823



65.2250, -28.2119, -4.5823

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.



21.7190, -10.7075, -19.0476



21.7750, 28.2119, 4.5823



23.3240, -11.4987, 1.4699

Square

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



21.7750, 28.2119, 4.5823



20.9300, -10.3185, 43.0344



20.5450, -10.1287, -18.0180



30.4170, 17.5424, -26.6757

Rectangle

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



21.7750, 28.2119, 4.5823



26.0300, 1.4642, 43.8237



20.5450, -10.1287, -18.0180



24.1130, -1.5347, -21.1471

Sweetspot

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



21.7750, 28.2119, 4.5823



79.5840, 11.0511, 2.1188



46.6180, 15.9643, -33.8680



38.0200, 6.3991, 0.8595



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



21.7750, 28.2119, 4.5823



19.7010, 40.5734, 6.4012



32.2400, 23.0527, 26.0995



34.7550, 1.5998, 0.2149



44.4590, 91.4717, 14.5065

Inverse Universe

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



35.1570, 12.2476, 38.4503



39.0480, 17.7243, 55.2089



54.7600, -23.0527, -26.0995



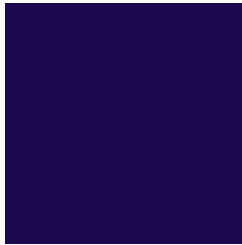
35.5380, 0.7208, 2.1592



87.9220, 39.4785, 124.6024

Previews

White Background



This preview shows how the YUV color 21.7750, 28.2119, 4.5823 looks on a white background.

Color Contrast Check

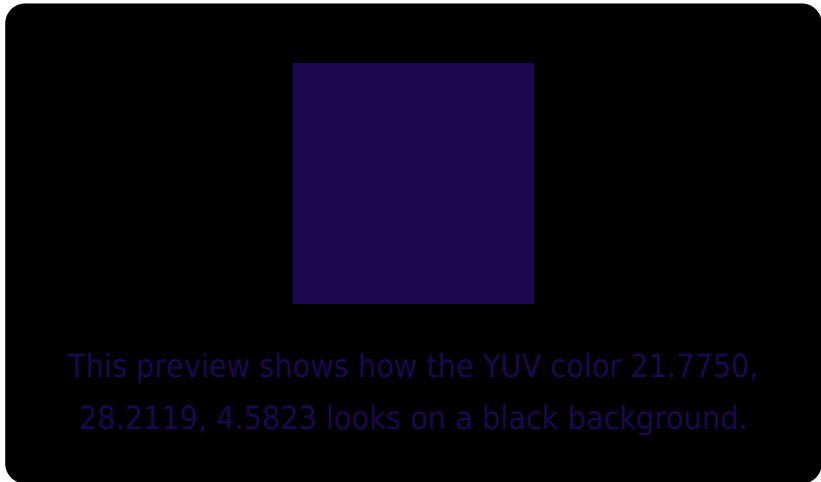
Large Text (above 18pt) WCAG AA ✓ Pass

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

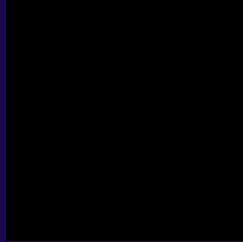
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.7750, 28.2119, 4.5823

Background



This preview shows how black text looks on a background with the YUV color 21.7750, 28.2119, 4.5823.



This preview shows how white text looks on a background with the YUV color 21.7750, 28.2119,

4.5823.

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

21.7750, 28.2119, 4.5823

Protanopia

21.6460, 16.9365, -18.9835

Deuteranopia

21.7940, 12.4266, -19.1133



Tritanopia

21.3720, 5.7326, -18.7432

Trichromacy



Original Color

21.7750, 28.2119, 4.5823

Protanomaly

21.4390, 20.9826, -10.0320

Deuteranomaly

22.0430, 18.2198, -10.5617

Tritanomaly

21.6040, 13.9992, -10.1767

Monochromacy



Original Color

21.7750, 28.2119, 4.5823

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.7750, 28.2119, 4.5823 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(27, 8, 79)` looks like.

```
.text, #text, p{  
    color:rgb(27, 8, 79)  
}
```

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(27, 8, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 8, 79) }
```

Border

The CSS property to change the border of an element to YUV 21.7750, 28.2119, 4.5823 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(27, 8, 79) }
```

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

```
.border{ border-color:rgb(27, 8, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 8, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 8, 79); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 8, 79); box-shadow:4px  
4px 4px 4px rgb(27, 8, 79) }
```

Background

The CSS property to change the background color of an element to YUV 21.7750, 28.2119, 4.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 8, 79) }
```

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

```
.background{ background-color: rgb(27, 8,  
79) }
```

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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