

Converting Colors

YUV(18.7120, 7.0440, 27.4396)

Have a look what the booklet for
YUV(18.7120, 7.0440, 27.4396)
contains.

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Color

**YUV(18.7120, 7.0440,
27.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	320021
RGB	50, 0, 33
RGB Percent	20%, 0%, 13%
CMY	0.8039, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.34, 0.80
HSL	320°, 100%, 10%
HSV	320°, 100%, 20%
XYZ	1.5899, 0.7879, 1.5071
YIQ	18.7120, 19.2070, 20.8630

Conversions

Conversions Part 2

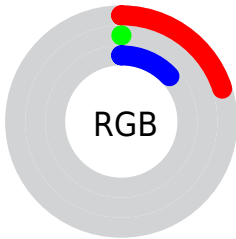
Format	Color
R_{YB}	50, 0, 33
Decimal	3276833
CIE Lab	7.12, 28.23, -8.16
CIE LCh	7, 29.387, 343.872
Yxy	0.7879, 0.4092, 0.2028
Android (android.graphics.Color)	4281466913 (0xFF320021)
YUV	18.7120, 7.0440, 27.4396
Hunter-Lab	8.8765, 16.4382, -3.8533

Details

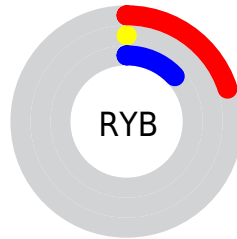
The YUV color **18.7120, 7.0440, 27.4396** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31.2880, -7.0440, -27.4396**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.3810, 5.7282, 29.4839**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.7120, 7.0440, 27.4396**, and if you desaturate by 10%, it is **21.8750, 6.4706, 24.6656**.

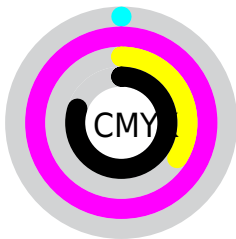
Distribution



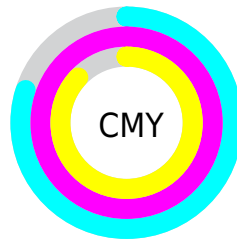
- Red (20%)
- Green (0%)
- Blue (13%)



- Red (20%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (80%)




- Cyan (80%)
- Magenta (100%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the YUV color 18.7120, 7.0440, 27.4396 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 18.7120, 7.0440, 27.4396 by changing the saturation by 10% instead.


 18.7120, 7.0440,
27.4396

 18.7120, 7.0440,
27.4396


 239.1510, 7.8136,
13.8996

 9.2840, -0.6330,
16.4139

 65.3810, 5.7282,
29.4839

 0.0000, 0.0000,
0.0000

 89.9790, 5.4334,
30.7134


 114.6910, 5.5753,
31.8430


 140.7020, 5.5699,
33.5873

 167.4140, 5.7119,
34.7169

 194.7130, 5.5645,

35.3317

 220.3210, 6.7437,
30.4135


 18.7120, 7.0440,
27.4396

 21.8750, 6.4706,
24.6656

 24.9240, 5.4605,
21.9917

 28.0870, 4.8871,
19.2177

 31.2500, 4.3137,
16.4438

 34.4130, 3.7404,
13.6698

■ 37.4620, 2.7302,
10.9958

■ 40.6250, 2.1569,
8.2219

■ 43.7880, 1.5835,
5.4479

■ 46.8370, 0.5734,
2.7740

Harmonies

Analogous

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



22.0240, 13.7922, 9.6260



18.7120, 7.0440, 27.4396



17.5850, -3.7394, 32.8130

Triad

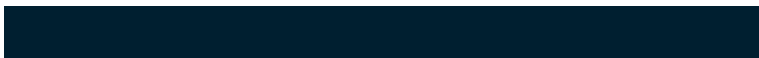
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7120, 7.0440, 27.4396



19.7690, -9.7461, -0.6744



23.6690, 11.9952, -20.7577

Complementary

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



18.7120, 7.0440, 27.4396



31.2880, -7.0440, -27.4396

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.



22.7910, 3.5540, -19.9877



18.7120, 7.0440, 27.4396



17.0230, -8.3923, -14.9292

Square

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



18.7120, 7.0440, 27.4396



21.0420, -10.3737, 13.9952



19.3540, -7.0765, -16.9735



22.5750, 17.9575, -19.7983

Rectangle

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



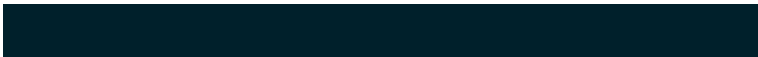
18.7120, 7.0440, 27.4396



16.7220, -8.2439, 30.9388



19.3540, -7.0765, -16.9735



23.6860, 9.5218, -20.7726

Sweetspot

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



18.7120, 7.0440, 27.4396



52.0490, 2.4408, 10.4810



10.7830, 19.3340, 5.4523



25.5000, 1.7255, 6.5775



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



18.7120, 7.0440, 27.4396



23.9240, 8.9115, 35.1467



15.8620, -3.8760, 29.9390



24.1250, 0.4314, 1.6444



33.3370, 12.6519, 48.8165



81.1850, 30.4748, 119.1098

Inverse Universe

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



18.7120, 7.0440, 27.4396



23.9240, 8.9115, 35.1467



34.1380, 3.8760, -29.9390



24.1250, 0.4314, 1.6444



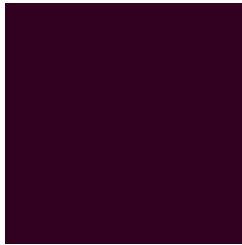
33.3370, 12.6519, 48.8165



81.1850, 30.4748, 119.1098

Previews

White Background



This preview shows how the YUV color 18.7120, 7.0440, 27.4396 looks on a white background.

Color Contrast Check

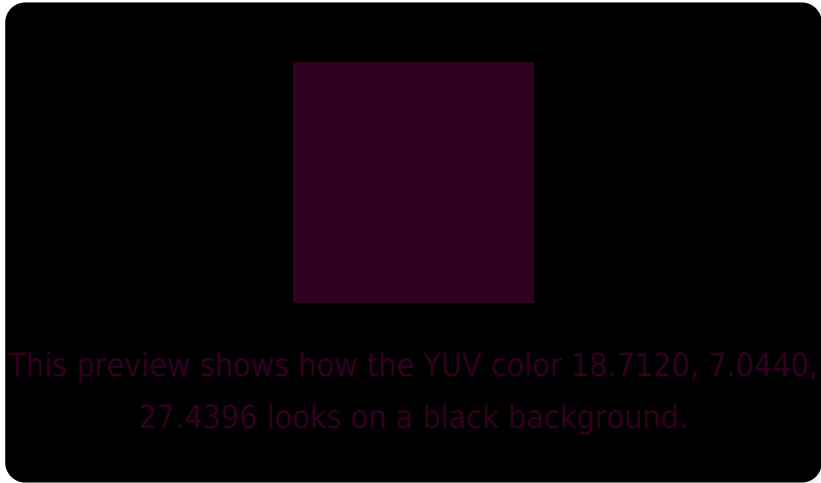
Large Text (above 18pt) WCAG AA ✓ Pass

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

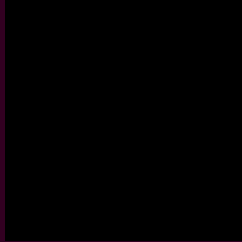
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7120, 7.0440, 27.4396

Background



This preview shows how black text looks on a background with the YUV color 18.7120, 7.0440, 27.4396.



This preview shows how white text looks on a background with the YUV color 18.7120, 7.0440,

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

18.7120, 7.0440, 27.4396

Protanopia

25.7030, 10.4994, -7.6325

Deuteranopia

26.8690, 2.0366, 0.1149



Tritanopia

23.8780, -4.8699, 22.0320

Trichromacy



Original Color

18.7120, 7.0440, 27.4396

Protanomaly

23.4380, 9.1511, 4.8779

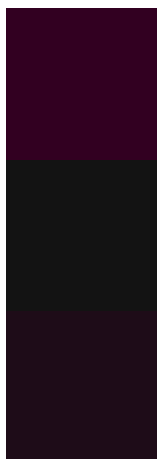
Deuteranomaly

24.0920, 3.8986, 9.5663

Tritanomaly

21.7410, -0.3653, 23.9061

Monochromacy



Original Color

18.7120, 7.0440, 27.4396

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7120, 7.0440, 27.4396 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(50, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(50, 0, 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(50, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 0, 33) }
```

Border

The CSS property to change the border of an element to YUV 18.7120, 7.0440, 27.4396 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(50, 0, 33) }
```


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

```
.border{ border-color:rgb(50, 0, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 0, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 0, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 0, 33); box-shadow:4px  
4px 4px 4px rgb(50, 0, 33) }
```

Background

The CSS property to change the background color of an element to YUV 18.7120, 7.0440, 27.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 0, 33) }
```

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

```
.background{ background-color: rgb(50, 0,  
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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