

Converting Colors

YUV(18.7720, 22.7904, 16.8630)

Have a look what the booklet for
YUV(18.7720, 22.7904, 16.8630)
contains.

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Color

**YUV(18.7720, 22.7904,
16.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	260041
RGB	38, 0, 65
RGB Percent	15%, 0%, 25%
CMY	0.8510, 1.0000, 0.7451
CMYK	0.42, 1.00, 0.00, 0.75
HSL	275°, 100%, 13%
HSV	275°, 100%, 25%
XYZ	1.7535, 0.7937, 5.0618
YIQ	18.7720, 1.7830, 28.2710

Conversions

Conversions Part 2

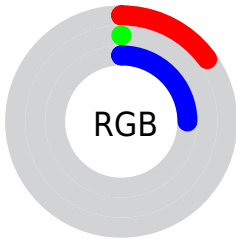
Format	Color
R_{YB}	38, 0, 65
Decimal	2490433
CIE _{Lab}	7.17, 32.25, -31.97
CIE _{LCh}	7, 45.406, 315.251
Yxy	0.7937, 0.2304, 0.1043
Android (android.graphics.Color)	4280680513 (0xFF260041)
YUV	18.7720, 22.7904, 16.8630
Hunter-Lab	8.9091, 19.5409, -27.4499

Details

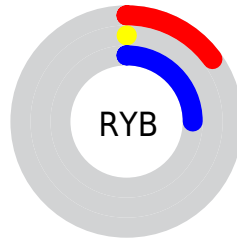
The YUV color **18.7720, 22.7904, 16.8630** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.2280, -22.7904, -16.8630**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.0110, 23.6586, 18.4074**, and **2.9810, 8.8834, -2.6143** is the 20% darker color. If you saturate the color by 10%, you get **18.7720, 22.7904, 16.8630**, and if you desaturate by 10%, it is **23.1910, 20.6118, 15.6185**.

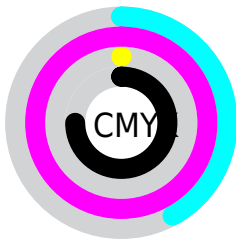
Distribution



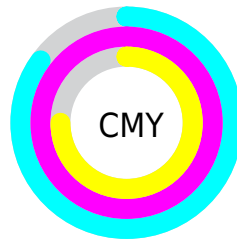
- Red (15%)
- Green (0%)
- Blue (25%)



- Red (15%)
- Yellow (0%)
- Blue (25%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7720, 22.7904, 16.8630 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 18.7720, 22.7904, 16.8630 by changing the saturation by 10% instead.

■ 18.7720, 22.7904,
16.8630

■ 18.7720, 22.7904,
16.8630

■ 238.5640, 8.1029,
14.4144

■ 9.3870, 16.5712,
4.9226

■ 66.0110, 23.6586,
18.4074

■ 2.9810, 8.8834,
-2.6143

■ 90.1360, 24.0900,
20.0517

■ 0.0000, 0.0000,
0.0000

■ 115.0760, 25.1055,
20.9813

■ 141.4890, 25.3949,
21.4961

■ 168.3150, 25.9737,
22.5257

■ 195.8420, 26.6999,

22.9406

■ 220.9320, 16.7955,
26.3696

■ 18.7720, 22.7904,
16.8630

■ 23.1910, 20.6118,
15.6185

■ 27.8980, 18.2913,
13.2445

■ 32.9040, 15.8233,
11.4852

■ 37.3230, 13.6448,
10.2407

■ 42.0300, 11.3242,
7.8667

■ 46.4490, 9.1456,
6.6222

■ 50.8680, 6.9671,
5.3778

■ 55.8740, 4.4991,
3.6185

■ 60.5810, 2.1786,
1.2445

Harmonies

Analogous

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



22.2620, 29.4508, -19.5238



18.7720, 22.7904, 16.8630



23.4680, 7.1643, 35.5466

Triad

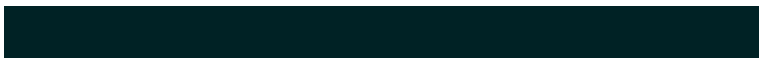
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7720, 22.7904, 16.8630



21.0640, -10.3846, 17.4839



24.1760, 6.3222, -21.2024

Complementary

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



18.7720, 22.7904, 16.8630



46.2280, -22.7904, -16.8630

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.



19.3710, -9.5499, -16.9884



18.7720, 22.7904, 16.8630



17.9530, -8.8508, -7.8518

Square

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



18.7720, 22.7904, 16.8630



17.6410, -8.6970, 36.2718



19.3710, -9.5499, -16.9884



27.9550, 18.2632, -24.5165

Rectangle

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



18.7720, 22.7904, 16.8630



22.5690, -2.7455, 40.7200



19.3710, -9.5499, -16.9884



22.4490, 2.2436, -19.6878

Sweetspot

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



18.7720, 22.7904, 16.8630



66.3350, 8.7088, 6.7222



23.2590, 20.5783, -20.3981



32.4010, 5.2253, 4.0333



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



18.7720, 22.7904, 16.8630



24.2270, 29.4681, 21.7259



26.2750, 16.6264, 33.9618



30.9400, 1.0156, 0.9296



28.1010, 33.9672, 25.3444



64.7050, 78.5324, 58.1407

Inverse Universe

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



22.5130, 2.2121, 37.2611



29.1060, 2.9057, 48.1420



38.7250, -16.6264, -33.9618



31.0110, -0.0054, 1.7444



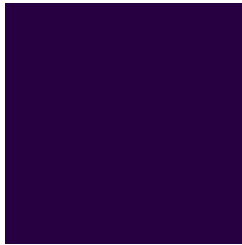
33.5630, 3.1734, 55.6342



77.5780, 7.6030, 128.4121

Previews

White Background



This preview shows how the YUV color 18.7720, 22.7904, 16.8630 looks on a white background.

Color Contrast Check

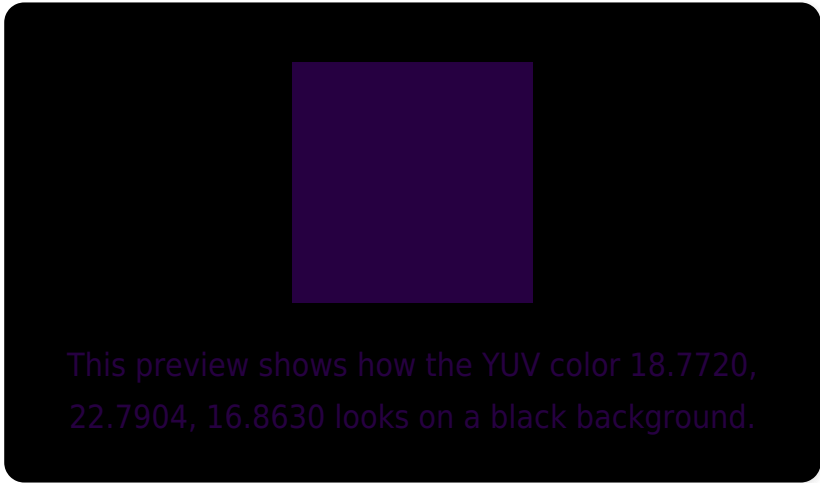
Large Text (above 18pt) WCAG AA ✓ Pass

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

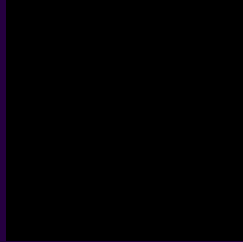
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7720, 22.7904, 16.8630

Background



This preview shows how black text looks on a background with the YUV color 18.7720, 22.7904, 16.8630.



This preview shows how white text looks on a background with the YUV color 18.7720, 22.7904,

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

21.4180, 16.0629, -18.7836

Deuteranopia

21.0930, 12.2792, -18.4986

Tritanopia

26.7230, 0.1366, 2.8739

Trichromacy



Protanomaly

20.7770, 18.3509, -5.9434

Deuteranomaly

20.2070, 16.1669, -5.4435

Tritanomaly

23.9330, 8.4140, 7.9518

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7720, 22.7904, 16.8630 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(38, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(38, 0, 65)  
}
```

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(38, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 0, 65) }
```

Border

The CSS property to change the border of an element to YUV 18.7720, 22.7904, 16.8630 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(38, 0, 65) }
```

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

```
.border{ border-color:rgb(38, 0, 65) }
```

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

Here you see how a box with a 4 pixel rgb(38, 0, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 0, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 0, 65); box-shadow:4px  
4px 4px 4px rgb(38, 0, 65) }
```


Background

The CSS property to change the background color of an element to YUV 18.7720, 22.7904, 16.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 0, 65) }
```

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

```
.background{ background-color: rgb(38, 0,  
65) }
```

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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