

Converting Colors

YUV(21.7040, 15.9219, 26.5696)

Have a look what the booklet for
YUV(21.7040, 15.9219, 26.5696)
contains.

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Color

**YUV(21.7040, 15.9219,
26.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	340036
RGB	52, 0, 54
RGB Percent	20%, 0%, 21%
CMY	0.7961, 1.0000, 0.7882
CMYK	0.04, 1.00, 0.00, 0.79
HSL	298°, 100%, 11%
HSV	298°, 100%, 21%
XYZ	2.0820, 0.9964, 3.5726
YIQ	21.7040, 13.6580, 27.8180

Conversions

Conversions Part 2

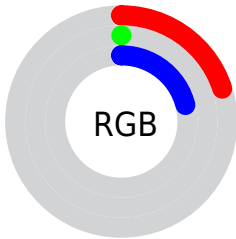
Format	Color
R_{YB}	52, 0, 54
Decimal	3407926
CIE Lab	8.96, 32.31, -20.99
CIE LCh	9, 38.528, 326.987
Yxy	0.9964, 0.3130, 0.1498
Android (android.graphics.Color)	4281598006 (0xFF340036)
YUV	21.7040, 15.9219, 26.5696
Hunter-Lab	9.9820, 19.7626, -14.2328

Details

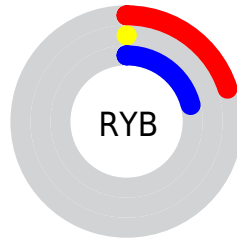
The YUV color **21.7040, 15.9219, 26.5696** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32.2960, -15.9219, -26.5696**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.8890, 15.3377, 27.2843**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **21.7040, 15.9219, 26.5696**, and if you desaturate by 10%, it is **24.6390, 14.4750, 23.9956**.

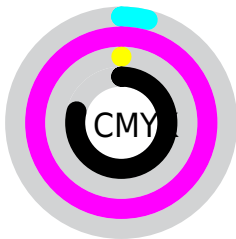
Distribution



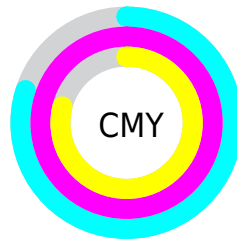
- Red (20%)
- Green (0%)
- Blue (21%)



- Red (20%)
- Yellow (0%)
- Blue (21%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (79%)



- Cyan (80%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.7040, 15.9219, 26.5696 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 21.7040, 15.9219, 26.5696 by changing the saturation by 10% instead.

■ 21.7040, 15.9219,
26.5696

■ 21.7040, 15.9219,
26.5696

■ 240.9120, 6.9454,
12.3552

■ 13.6290, 9.5499,
16.9884

■ 69.8890, 15.3377,
27.2843

■ 0.5700, 2.1840,
-0.4999

■ 94.6010, 15.4797,
28.4139

■ 0.0000, 0.0000,
0.0000

■ 120.3130, 15.6217,
29.5435

■ 146.1390, 16.2005,
30.5731

■ 172.9650, 16.7793,
31.6027

■ 200.6770, 16.9212,

32.7323

■ 224.4760, 15.0483,
26.7695

■ 21.7040, 15.9219,
26.5696

■ 24.6390, 14.4750,
23.9956

■ 28.1610, 12.7386,
20.9068

■ 31.3950, 11.1443,
18.9476

■ 34.9170, 9.4079,
15.8588

■ 37.8520, 7.9610,
13.2848

■ 40.7870, 6.5140,
10.7108

■ 44.3090, 4.7777,
7.6220

■ 47.5430, 3.1833,
5.6628

■ 51.0650, 1.4470,
2.5740

Harmonies

Analogous

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



21.4430, 24.9246, -14.4205



21.7040, 15.9219, 26.5696



23.0400, 2.9383, 37.6759

Triad

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



21.7040, 15.9219, 26.5696



24.5530, -12.1046, 9.1620



27.1910, 10.2588, -23.8465

Complementary

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



21.7040, 15.9219, 26.5696



32.2960, -15.9219, -26.5696

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.



24.8140, -1.3873, -21.7619



21.7040, 15.9219, 26.5696



19.6920, -9.7082, -12.8849

Square

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



21.7040, 15.9219, 26.5696



22.0160, -10.8539, 28.0500



20.5450, -10.1287, -18.0180



28.4110, 20.0104, -24.9164

Rectangle

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



21.7040, 15.9219, 26.5696



21.2440, -6.5293, 41.0050



20.5450, -10.1287, -18.0180



26.8660, 6.4751, -23.5615

Sweetspot

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



21.7040, 15.9219, 26.5696



58.6730, 6.0772, 10.8108



7.9170, 22.7189, -6.9432



28.0700, 3.9095, 6.0776



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



21.7040, 15.9219, 26.5696



28.7250, 20.8416, 35.3212



19.5660, 5.1440, 30.1986



26.2390, 0.8682, 1.5444



36.8000, 27.2136, 44.9024



88.0550, 64.5559, 107.8228

Inverse Universe

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



16.3740, -7.0864, 32.9980



21.5710, -9.1555, 43.3492



34.4340, -5.1440, -30.1986



25.8970, -0.4422, 1.8443



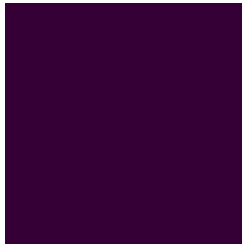
27.8500, -12.2510, 56.2596



66.3930, -28.7877, 133.8363

Previews

White Background



This preview shows how the YUV color 21.7040, 15.9219, 26.5696 looks on a white background.

Color Contrast Check

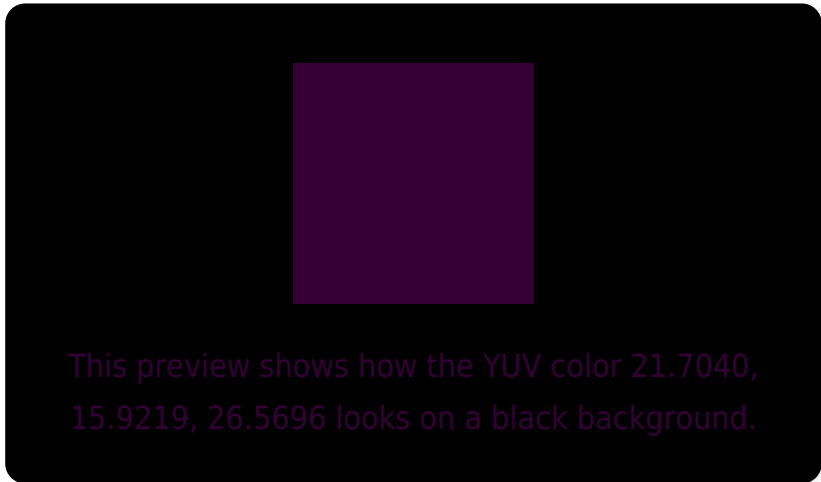
Large Text (above 18pt) WCAG AA ✓ Pass

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

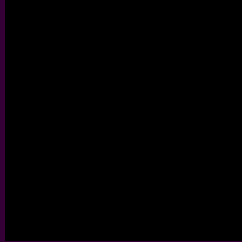
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.7040, 15.9219, 26.5696

Background



This preview shows how black text looks on a background with the YUV color 21.7040, 15.9219, 26.5696.



This preview shows how white text looks on a background with the YUV color 21.7040, 15.9219,

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

23.9770, 18.2523, -21.0278

Deuteranopia

28.2080, 11.2365, -10.7064

Tritanopia

29.3010, -3.1064, 16.3990

Trichromacy



Protanomaly

22.8590, 17.3245, -3.3843

Deuteranomaly

25.7520, 12.9403, 2.8485

Tritanomaly

26.1580, 3.8661, 20.0324

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.7040, 15.9219, 26.5696 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(52, 0, 54)` looks like.

```
.text, #text, p{  
    color:rgb(52, 0, 54)  
}
```

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(52, 0, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 0, 54) }
```

Border

The CSS property to change the border of an element to YUV 21.7040, 15.9219, 26.5696 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(52, 0, 54) }
```

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

```
.border{ border-color:rgb(52, 0, 54) }
```

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

Here you see how a box with a 4 pixel rgb(52, 0, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 0, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 0, 54); box-shadow:4px  
4px 4px 4px rgb(52, 0, 54) }
```


Background

The CSS property to change the background color of an element to YUV 21.7040, 15.9219, 26.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 0, 54) }
```

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

```
.background{ background-color: rgb(52, 0,  
54) }
```

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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