

Converting Colors

YUV(36.9920, 15.7799, 25.4400)

Have a look what the booklet for
YUV(36.9920, 15.7799, 25.4400)
contains.

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Color

**YUV(36.9920, 15.7799,
25.4400)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 421045 |
| RGB | 66, 16, 69 |
| RGB Percent | 26%, 6%, 27% |
| CMY | 0.7412, 0.9373, 0.7294 |
| CMYK | 0.04, 0.77, 0.00, 0.73 |
| HSL | 297°, 62%, 17% |
| HSV | 297°, 77%, 27% |
| XYZ | 3.5062, 1.9585, 5.8235 |
| YIQ | 36.9920, 12.7870, 27.0830 |

Conversions

Conversions Part 2

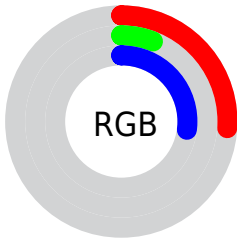
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 66, 16, 69 |
| Decimal | 4329541 |
| CIE _{Lab} | 15.27, 31.67, -21.44 |
| CIE _{LCh} | 15, 38.246, 325.898 |
| Yxy | 1.9585, 0.3106, 0.1735 |
| Android (android.graphics.Color) | 4282519621 (0xFF421045) |
| YUV | 36.9920, 15.7799, 25.4400 |
| Hunter-Lab | 13.9947, 20.2309, -14.8755 |




Details

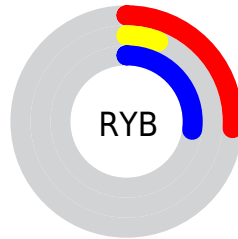
The YUV color **36.9920, 15.7799, 25.4400** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.0080, -15.7799, -25.4400**, and the grayscale version is **37.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **85.7040, 15.9219, 26.5696**, and **7.0360, 8.8563, 6.1074** is the 20% darker color. If you saturate the color by 10%, you get **32.8830, 17.8057, 29.0436**, and if you desaturate by 10%, it is **41.1010, 13.7542, 21.8364**.

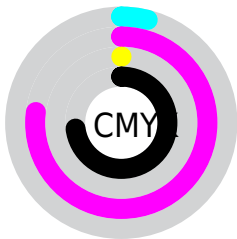
Distribution







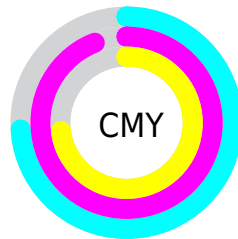
-  Red (26%)
-  Green (6%)
-  Blue (27%)






-  Red (26%)
-  Yellow (6%)
-  Blue (27%)



-  Cyan (4%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (73%)





-  Cyan (74%)
-  Magenta (94%)
-  Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.9920, 15.7799, 25.4400 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 36.9920, 15.7799, 25.4400 by changing the saturation by 10% instead.


 36.9920, 15.7799,
25.4400


 36.9920, 15.7799,
25.4400


 252.0650, 1.4470,
2.5740


 18.1010, 13.7542,
21.8364


 85.7040, 15.9219,
26.5696


 7.0360, 8.8563,
6.1074

 110.4160, 16.0639,
27.6992

 0.0000, 0.0000,
0.0000

 136.2420, 16.6427,
28.7288


 162.9540, 16.7847,
29.8583


 190.3670, 17.0741,
30.3731


 218.1930, 17.6529,


31.4027


 235.0420, 9.8393,
17.5032


 36.9920, 15.7799,
25.4400


 36.9920, 15.7799,
25.4400


 32.8830, 17.8057,
29.0436


 41.1010, 13.7542,
21.8364


 28.4750, 19.9788,
32.0324

 45.5090, 11.5811,
18.8476

 27.3010, 20.5576,
33.0620

 49.6180, 9.5553,
15.2440

 54.0260, 7.3822,
12.2552

 58.1350, 5.3564,
8.6516

■ 61.6570, 3.6201,
5.5628

■ 66.0650, 1.4470,
2.5740

■ 70.1740, -0.5788,
-1.0296

■ 74.5820, -2.7519,
-4.0184

Harmonies

Analogous

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



36.2800, 25.4980, -11.6466



36.9920, 15.7799, 25.4400



29.4200, 6.6949, 46.1127

Triad

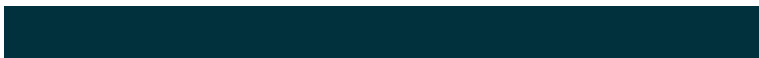
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.9920, 15.7799, 25.4400



36.6800, -18.0832, 13.4356



35.7170, 12.4645, -31.3238

Complementary

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



36.9920, 15.7799, 25.4400



48.0080, -15.7799, -25.4400

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.



32.6390, 0.6710, -28.6244



36.9920, 15.7799, 25.4400



33.0150, -16.2764, -6.1522

Square

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



36.9920, 15.7799, 25.4400



34.7300, -17.1219, 31.8088



27.5890, -13.6014, -24.1956



37.6380, 22.3635, -33.0085

Rectangle

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



36.9920, 15.7799, 25.4400



27.9660, -1.4622, 49.1418



27.5890, -13.6014, -24.1956



35.2780, 8.2439, -30.9388

Sweetspot

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



36.9920, 15.7799, 25.4400



76.9610, 5.9352, 9.6812



24.3900, 21.9927, -7.3580



38.0700, 3.9095, 6.0776



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



36.9920, 15.7799, 25.4400



39.6700, 24.3197, 39.7544



35.2670, 5.2914, 29.5838



33.3530, 1.3050, 1.4444



39.3920, 29.3867, 47.8912



89.8640, 67.6080, 108.8673

Inverse Universe

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



32.1890, -6.5022, 32.2832



32.0880, -9.9034, 49.9118



49.7330, -5.2914, -29.5838



33.1960, -0.5896, 2.4591



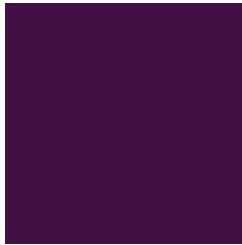
30.2850, -11.9725, 60.2631



69.3550, -27.7830, 138.2547

Previews

White Background



This preview shows how the YUV color 36.9920, 15.7799, 25.4400 looks on a white background.

Color Contrast Check

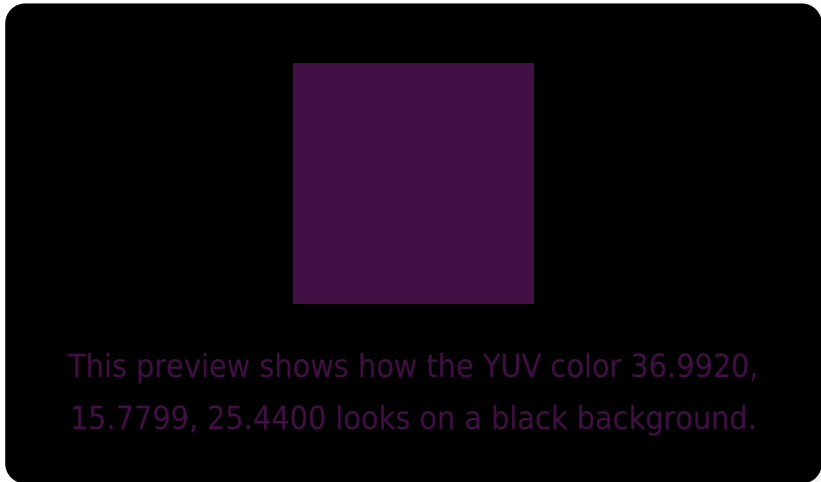
Large Text (above 18pt) WCAG AA ✓ Pass

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

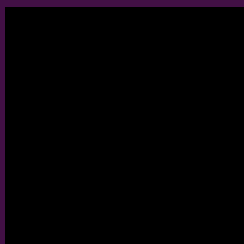
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9920, 15.7799, 25.4400

Background



This preview shows how black text looks on a background with the YUV color 36.9920, 15.7799, 25.4400.



This preview shows how white text looks on a background with the YUV color 36.9920, 15.7799,

25.4400.

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

36.9920, 15.7799, 25.4400

Protanopia

32.2410, 24.5312, -28.2754

Deuteranopia

38.0660, 13.2785, -12.3359



Tritanopia

39.7960, -3.8434, 19.4729

Trichromacy



Original Color

36.9920, 15.7799, 25.4400

Protanomaly

34.1510, 21.1246, -8.9024

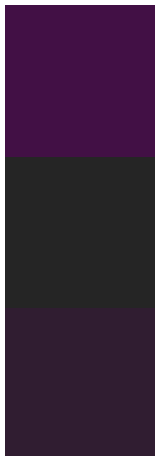
Deuteranomaly

37.3820, 14.1087, 1.4190

Tritanomaly

38.6420, 3.1345, 21.3620

Monochromacy



Original Color

36.9920, 15.7799, 25.4400

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9920, 15.7799, 25.4400 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(66, 16, 69)` looks like.

```
.text, #text, p{  
    color:rgb(66, 16, 69)  
}
```

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(66, 16, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 16, 69) }
```

Border

The CSS property to change the border of an element to YUV 36.9920, 15.7799, 25.4400 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(66, 16, 69) }
```


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

```
.border{ border-color:rgb(66, 16, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 16, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 16, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 16, 69);  
box-shadow:4px 4px 4px 4px rgb(66, 16, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9920, 15.7799, 25.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 16, 69) }
```

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

```
.background{ background-color: rgb(66, 16,  
69) }
```

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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