

Converting Colors

YUV(40.4000, 13.6068, 22.4512)

Have a look what the booklet for
YUV(40.4000, 13.6068, 22.4512)
contains.

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Color

**YUV(40.4000, 13.6068,
22.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	421644
RGB	66, 22, 68
RGB Percent	26%, 9%, 27%
CMY	0.7412, 0.9137, 0.7333
CMYK	0.03, 0.68, 0.00, 0.73
HSL	297°, 51%, 18%
HSV	297°, 68%, 27%
XYZ	3.5771, 2.1494, 5.6952
YIQ	40.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

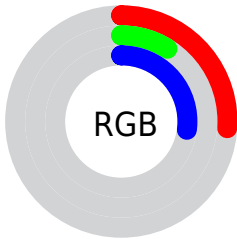
Format	Color
RYB	66, 22, 68
Decimal	4331076
CIELab	16.25, 28.54, -19.19
CIELCh	16, 34.389, 326.085
Yxy	2.1494, 0.3132, 0.1882
Android (android.graphics.Color)	4282521156 (0xFF421644)
YUV	40.4000, 13.6068, 22.4512
Hunter-Lab	14.6609, 17.8950, -12.7692

Details

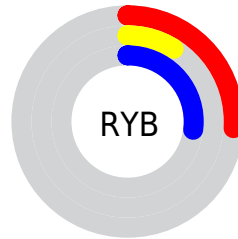
The YUV color **40.4000, 13.6068, 22.4512** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.6000, -13.6068, -22.4512**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8240, 13.8908, 24.7104**, and **7.6340, 8.5614, 7.3370** is the 20% darker color. If you saturate the color by 10%, you get **36.2910, 15.6325, 26.0548**, and if you desaturate by 10%, it is **44.5090, 11.5811, 18.8476**.

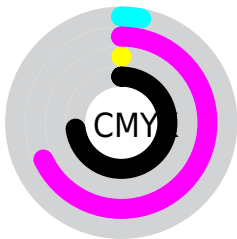
Distribution



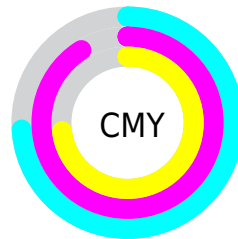
- Red (26%)
- Green (9%)
- Blue (27%)



- Red (26%)
- Yellow (9%)
- Blue (27%)



- Cyan (3%)
- Magenta (68%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.4000, 13.6068, 22.4512 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 40.4000, 13.6068, 22.4512 by changing the saturation by 10% instead.

■ 40.4000, 13.6068,
22.4512

■ 40.4000, 13.6068,
22.4512

■ 255.0000, 0.0000,
0.0000

■ 18.1010, 13.7542,
21.8364

■ 87.8240, 13.8908,
24.7104

■ 7.6340, 8.5614,
7.3370

■ 113.2370, 14.1802,
25.2252

■ 0.0000, 0.0000,
0.0000

■ 139.0630, 14.7589,
26.2547

■ 165.4760, 15.0483,
26.7695

■ 193.1880, 15.1903,
27.8991


■ 221.0140, 15.7691,

28.9287


 237.9770, 8.3923,
14.9292

 40.4000, 13.6068,
22.4512


 40.4000, 13.6068,
22.4512

 36.2910, 15.6325,
26.0548


 44.5090, 11.5811,
18.8476

 31.8830, 17.8057,
29.0436

 48.9170, 9.4079,
15.8588

 28.3610, 19.5420,
32.1324

 52.4390, 7.6716,
12.7700

 27.1870, 20.1208,
33.1620

 56.5480, 5.6458,
9.1664

 60.6570, 3.6201,
5.5628

■ 65.0650, 1.4470,
2.5740

■ 69.1740, -0.5788,
-1.0296

■ 72.6960, -2.3151,
-4.1184

■ 77.1040, -4.4883,
-7.1072

Harmonies

Analogous

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



39.2050, 22.5769, -8.0728



40.4000, 13.6068, 22.4512



35.2190, 4.8220, 40.1499

Triad

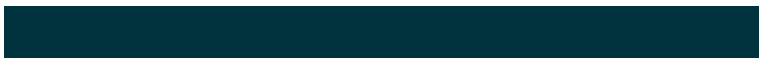
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4000, 13.6068, 22.4512



38.4520, -18.9568, 13.6356



36.8910, 11.8857, -32.3534

Complementary

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



40.4000, 13.6068, 22.4512



49.6000, -13.6068, -22.4512

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.



34.0410, 0.9658, -29.8540



40.4000, 13.6068, 22.4512



35.6840, -17.5922, -4.1079

Square

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



40.4000, 13.6068, 22.4512



37.3770, -18.4269, 30.3644



29.7890, -10.2490, -26.1250



37.9970, 21.2005, -33.3234

Rectangle

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



40.4000, 13.6068, 22.4512



34.4660, -3.1877, 42.5643



29.7890, -10.2490, -26.1250



35.9790, 8.3914, -31.5536

Sweetspot

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



40.4000, 13.6068, 22.4512



78.1350, 5.3564, 8.6516



28.4180, 19.5139, -5.6286



39.2440, 3.3307, 5.0480



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.



40.4000, 13.6068, 22.4512



45.8390, 21.2784, 35.2212



38.6040, 4.1392, 25.7803



31.2390, 0.8682, 1.5444



38.8650, 28.6606, 47.4764



89.8210, 66.1502, 109.7820

Inverse Universe

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



35.9820, -5.9071, 28.0798



38.8700, -9.3029, 43.9640



51.3960, -4.1392, -25.7803



30.8970, -0.4422, 1.8443



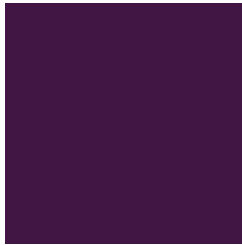
29.4590, -12.5513, 59.2335



68.1160, -28.6512, 136.7103

Previews

White Background



This preview shows how the YUV color 40.4000, 13.6068, 22.4512 looks on a white background.

Color Contrast Check

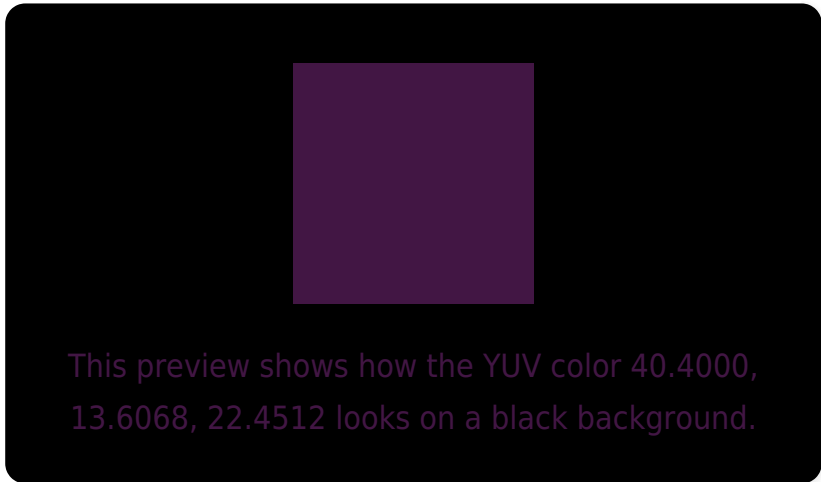
Large Text (above 18pt) WCAG AA ✓ Pass

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

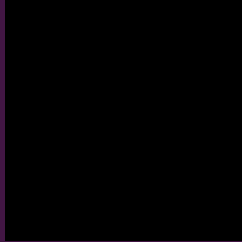
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.4000, 13.6068, 22.4512

Background



This preview shows how black text looks on a background with the YUV color 40.4000, 13.6068, 22.4512.



This preview shows how white text looks on a background with the YUV color 40.4000, 13.6068,

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

40.4000, 13.6068, 22.4512

Protanopia

33.7680, 25.2574, -27.8605

Deuteranopia

40.7350, 11.9626, -10.2916



Tritanopia

41.8990, -3.4012, 17.6286

Trichromacy



Original Color

40.4000, 13.6068, 22.4512

Protanomaly

35.8520, 21.2720, -9.5172

Deuteranomaly

40.6270, 12.5089, 1.2041

Tritanomaly

41.2180, 2.8505, 19.1028

Monochromacy



Original Color

40.4000, 13.6068, 22.4512

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7220, 5.0671, 8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.4000, 13.6068, 22.4512 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, 22, 68)` looks like.

```
.text, #text, p{  
    color:rgb(66, 22, 68)  
}
```

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, 22, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 22, 68) }
```

Border

The CSS property to change the border of an element to YUV 40.4000, 13.6068, 22.4512 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, 22, 68) }
```


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

```
.border{ border-color:rgb(66, 22, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 22, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 22, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 22, 68);  
box-shadow:4px 4px 4px 4px rgb(66, 22, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.4000, 13.6068, 22.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 22, 68) }
```

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

```
.background{ background-color: rgb(66, 22,  
68) }
```

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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