

Converting Colors

YUV(136.4440, 33.7981,
32.9366)

Have a look what the booklet for
YUV(136.4440, 33.7981, 32.9366)
contains.

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Color

**YUV(136.4440, 33.7981,
32.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	AE68CD
RGB	174, 104, 205
RGB Percent	68%, 41%, 80%
CMY	0.3176, 0.5922, 0.1961
CMYK	0.15, 0.49, 0.00, 0.20
HSL	282°, 50%, 61%
HSV	282°, 49%, 80%
XYZ	33.4253, 23.3071, 60.4946
YIQ	136.4440, 9.2990, 46.2510

Conversions

Conversions Part 2

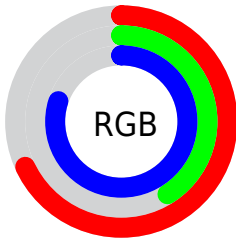
Format	Color
RYB	174, 104, 205
Decimal	11430093
CIELab	55.39, 45.22, -41.34
CIELCh	55, 61.267, 317.570
Yxy	23.3071, 0.2851, 0.1988
Android (android.graphics.Color)	4289620173 (0xFFAE68CD)
YUV	136.4440, 33.7981, 32.9366
Hunter-Lab	48.2774, 39.1007, -40.4999

Details

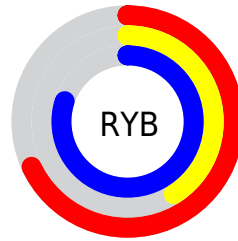
The YUV color $136.4440, 33.7981, 32.9366$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $172.5560, -33.7981, -32.9366$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.2980, 31.8981, 35.6957$, and $83.7920, 32.6405, 30.8774$ is the 20% darker color. If you saturate the color by 10%, you get $122.3230, 40.7598, 40.0587$, and if you desaturate by 10%, it is $149.9780, 27.1258, 26.3293$.

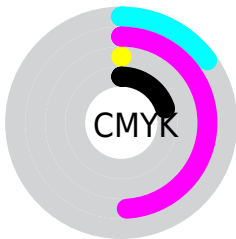
Distribution



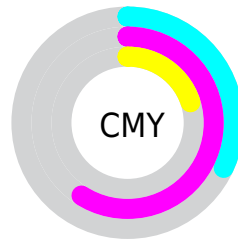
- Red (68%)
- Green (41%)
- Blue (80%)



- Red (68%)
- Yellow (41%)
- Blue (80%)



- Cyan (15%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.4440, 33.7981, 32.9366 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 136.4440, 33.7981, 32.9366 by changing the saturation by 10% instead.

■ 136.4440, 33.7981,
32.9366

■ 136.4440, 33.7981,
32.9366

255.0000, 0.0000,
0.0000

■ 109.6180, 33.2193,
31.9070

■ 190.2980, 31.8981,
35.6957

■ 83.7920, 32.6405,
30.8774

■ 213.9100, 20.2574,
36.0359

■ 57.7920, 32.6405,
30.8774

■ 230.3460, 12.1544,
21.6216

■ 31.3190, 33.3667,
31.2922

■ 247.3690, 3.7621,
6.6924

■ 20.6950, 26.2794,
17.8075

■ 10.2990, 20.0656,
4.1228

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 136.4440, 33.7981,
32.9366

■ 136.4440, 33.7981,
32.9366

■ 122.3230, 40.7598,
40.0587

■ 149.9780, 27.1258,
26.3293

■ 108.4900, 47.5794,
46.0513

■ 164.3980, 20.0168,
19.8220

■ 94.3690, 54.5411,
53.1734

■ 178.5190, 13.0551,
12.6998

■ 80.8350, 61.2133,
59.7807

■ 192.0530, 6.3829,
6.0925

■ 66.7140, 68.1750,
66.9028

■ 206.1740, -0.5788,
-1.0296

65.8280, 68.6118,
66.8028

220.0070, -7.3985,
-7.0221

234.1280,
-14.3601, -14.1443

240.0310,
-17.2703, -14.0592

242.1240,
-18.3021, -9.7557

Harmonies

Analogous

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



127.3410, 53.0759, -37.1331



136.4440, 33.7981, 32.9366



131.5020, 12.5705, 74.9817

Triad

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



136.4440, 33.7981, 32.9366



125.5630, -57.4656, 45.1102



110.7410, 25.7637, -97.1199

Complementary

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



136.4440, 33.7981, 32.9366



172.5560, -33.7981, -32.9366

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.



103.8840, 2.0292, -91.1063



136.4440, 33.7981, 32.9366



121.3210, -57.3463, 6.7345

Square

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



136.4440, 33.7981, 32.9366



128.3580, -36.1655, 73.3540



113.1570, -28.6714, -43.9877



114.3380, 47.1614, -100.2744

Rectangle

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



136.4440, 33.7981, 32.9366



128.0400, -3.4707, 86.7879



113.1570, -28.6714, -43.9877



108.6890, 17.9013, -95.3203

Sweetspot

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



136.4440, 33.7981, 32.9366



229.1060, 12.7657, 12.1850



134.2980, 34.8561, -26.5713



112.1070, 7.8352, 6.9222



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



136.4440, 33.7981, 32.9366



153.1960, 50.1894, 48.9401



143.5470, 20.9293, 53.8943



95.2330, 3.3361, 3.3037



53.3090, 55.5567, 54.1030



12.4050, 12.6183, 12.7998

Inverse Universe

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



137.7330, -1.3474, 58.9932



155.0940, -2.0183, 87.6176



165.4530, -20.9293, -53.8943



95.3320, -0.1637, 5.8478



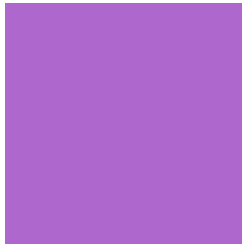
55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 136.4440, 33.7981, 32.9366 looks on a white background.

Color Contrast Check

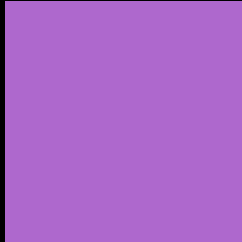
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.4440, 33.7981, 32.9366 looks on a black 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 × Fail

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

YUV 136.4440, 33.7981, 32.9366

Background



This preview shows how black text looks on a background with the YUV color 136.4440, 33.7981, 32.9366.



This preview shows how white text looks on a background with the YUV color 136.4440, 33.7981, 32.9366.

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

136.4440, 33.7981, 32.9366

Protanopia

129.2120, 48.7025, -34.3889

Deuteranopia

130.7820, 34.1245, -25.2418



Tritanopia

135.2850, -2.1125, 24.3061

Trichromacy



Original Color

136.4440, 33.7981, 32.9366

Protanomaly

132.2860, 43.2430, -9.8978

Deuteranomaly

132.9140, 34.0594, -4.3096

Tritanomaly

135.4500, 11.1172, 27.6694

Monochromacy



Original Color

136.4440, 33.7981, 32.9366

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9920, 12.3289, 12.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.4440, 33.7981, 32.9366 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(174, 104, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 104, 205)  
}
```

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(174, 104, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 104, 205) }
```

Border

The CSS property to change the border of an element to YUV 136.4440, 33.7981, 32.9366 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(174, 104, 205) }
```


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

```
.border{ border-color:rgb(174, 104, 205) }
```

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

Here you see how a box with a 4 pixel rgb(174, 104, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 104, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 104, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 104,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 136.4440, 33.7981, 32.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 104, 205) }
```

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

```
.background{ background-color: rgb(174,  
104, 205) }
```

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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