

Converting Colors

YUV(136.8450, 39.0234,
36.9699)

Have a look what the booklet for
YUV(136.8450, 39.0234, 36.9699)
contains.

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Color

**YUV(136.8450, 39.0234,
36.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	B364D8
RGB	179, 100, 216
RGB Percent	70%, 39%, 85%
CMY	0.2980, 0.6078, 0.1529
CMYK	0.17, 0.54, 0.00, 0.15
HSL	281°, 60%, 62%
HSV	281°, 54%, 85%
XYZ	35.5422, 23.6559, 67.6585
YIQ	136.8450, 9.8480, 52.8240

Conversions

Conversions Part 2

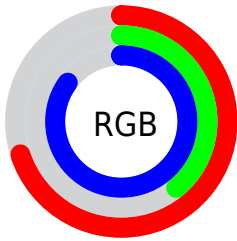
Format	Color
RYB	179, 100, 216
Decimal	11756760
CIELab	55.74, 50.99, -46.98
CIELCh	56, 69.332, 317.348
Yxy	23.6559, 0.2802, 0.1865
Android (android.graphics.Color)	4289946840 (0xFFB364D8)
YUV	136.8450, 39.0234, 36.9699
Hunter-Lab	48.6373, 45.3254, -48.4311

Details

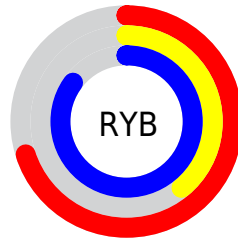
The YUV color **136.8450, 39.0234, 36.9699** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **179.1550, -39.0234, -36.9699**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3310, 31.8818, 40.9287**, and **83.3070, 38.3026, 34.8108** is the 20% darker color. If you saturate the color by 10%, you get **121.8380, 46.4219, 43.9921**, and if you desaturate by 10%, it is **151.8520, 31.6250, 29.9478**.

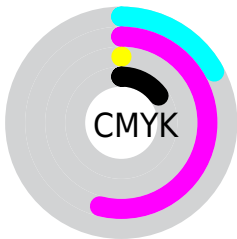
Distribution



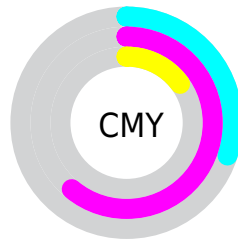
- Red (70%)
- Green (39%)
- Blue (85%)



- Red (70%)
- Yellow (39%)
- Blue (85%)



- Cyan (17%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (61%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8450, 39.0234, 36.9699 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 136.8450, 39.0234, 36.9699 by changing the saturation by 10% instead.

■ 136.8450, 39.0234,
36.9699

■ 136.8450, 39.0234,
36.9699

■ 255.0000, 0.0000,
0.0000

■ 110.0190, 38.4446,
35.9403

■ 190.3310, 31.8818,
40.9287

■ 83.3070, 38.3026,
34.8108

■ 211.5620, 21.4149,
38.0951

■ 54.5460, 39.1708,
36.3552

■ 228.5850, 13.0226,
23.1660

■ 32.9430, 37.0031,
31.6220

■ 245.0210, 4.9196,
8.7516

■ 22.3190, 29.9157,
18.1372

■ 11.5100, 23.4126,
3.9377

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 136.8450, 39.0234,
36.9699

■ 136.8450, 39.0234,
36.9699

■ 121.8380, 46.4219,
43.9921

■ 151.8520, 31.6250,
29.9478

■ 107.4180, 53.5309,
50.4994

■ 166.2720, 24.5159,
23.4405

■ 92.4110, 60.9294,
57.5216

■ 181.2790, 17.1175,
16.4183

■ 77.9910, 68.0384,
64.0289

■ 195.6990, 10.0084,
9.9110

68.5770, 72.6795,
68.7770

210.4070, 2.7573,
2.2741

225.4140, -4.6411,
-4.7481

239.8340,
-11.7502, -11.2554

244.2750,
-13.9396, -9.0112

246.3680,
-14.9714, -4.7077

Harmonies

Analogous

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



124.2560, 61.9918, -50.2135



136.8450, 39.0234, 36.9699



128.9040, 16.3163, 86.9072

Triad

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



136.8450, 39.0234, 36.9699



126.0320, -62.1338, 49.0839



113.6590, 26.7901, -99.6789

Complementary

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



136.8450, 39.0234, 36.9699



179.1550, -39.0234, -36.9699

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.



105.3030, -0.1494, -92.3507



136.8450, 39.0234, 36.9699



121.0390, -59.6722, 6.1048

Square

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



136.8450, 39.0234, 36.9699



126.3870, -40.1238, 82.9756



109.0650, -32.5700, -53.5540



117.9400, 50.8086, -103.4334

Rectangle

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



136.8450, 39.0234, 36.9699



123.9970, -1.4775, 100.8576



109.0650, -32.5700, -53.5540



111.2650, 17.6174, -97.5794

Sweetspot

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



136.8450, 39.0234, 36.9699



227.0460, 13.7813, 13.1147



136.1170, 39.3823, -31.6746



110.9330, 8.4140, 7.9518



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.



136.8450, 39.0234, 36.9699



143.7710, 54.8359, 51.9438



145.7420, 25.2702, 61.6163



99.6460, 3.6255, 3.8185



54.1780, 57.5932, 54.2179



13.8720, 14.3601, 14.1443

Inverse Universe

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



138.9020, -0.9377, 67.6149



146.6650, -1.3138, 95.0098



170.2580, -25.2702, -61.6163



99.7450, 0.1257, 6.3626



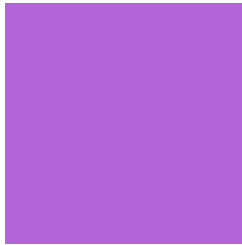
57.2850, -1.6195, 99.7281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 136.8450, 39.0234, 36.9699 looks on a white background.

Color Contrast Check

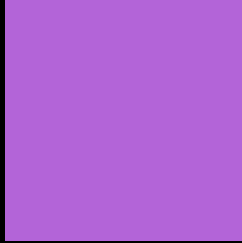
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8450, 39.0234, 36.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

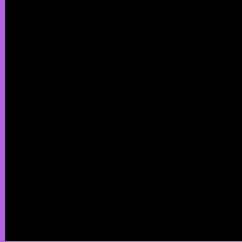
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8450, 39.0234, 36.9699

Background



This preview shows how black text looks on a background with the YUV color 136.8450, 39.0234, 36.9699.



This preview shows how white text looks on a background with the YUV color 136.8450, 39.0234, 36.9699.

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

136.8450, 39.0234, 36.9699

Protanopia

127.1490, 57.6075, -43.9807

Deuteranopia

130.2910, 38.8035, -32.7042



Tritanopia

136.1820, -2.5547, 26.1504

Trichromacy



Original Color

136.8450, 39.0234, 36.9699



Protanomaly

130.6150, 50.9688, -14.5714



Deuteranomaly

132.8580, 39.0170, -7.7685



Tritanomaly

136.5150, 12.5641, 30.2433

Monochromacy



Original Color

136.8450, 39.0234, 36.9699



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1600, 14.2181, 13.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8450, 39.0234, 36.9699 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(179, 100, 216)` looks like.

```
.text, #text, p{  
    color:rgb(179, 100, 216)  
}
```

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(179, 100, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 100, 216) }
```

Border

The CSS property to change the border of an element to YUV 136.8450, 39.0234, 36.9699 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(179, 100, 216) }
```


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

```
.border{ border-color:rgb(179, 100, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 100, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 100, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 100, 216);  
box-shadow:4px 4px 4px 4px rgb(179, 100,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 136.8450, 39.0234, 36.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 100, 216) }
```

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

```
.background{ background-color: rgb(179,  
100, 216) }
```

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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