

Converting Colors

YUV(96.1300, 36.9109, 61.2760)

Have a look what the booklet for
YUV(96.1300, 36.9109, 61.2760)
contains.

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Color

**YUV(96.1300, 36.9109,
61.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	A62EAB
RGB	166, 46, 171
RGB Percent	65%, 18%, 67%
CMY	0.3490, 0.8196, 0.3294
CMYK	0.03, 0.73, 0.00, 0.33
HSL	298°, 58%, 43%
HSV	298°, 73%, 67%
XYZ	24.0536, 13.0013, 39.7698
YIQ	96.1300, 31.3950, 64.3150

Conversions

Conversions Part 2

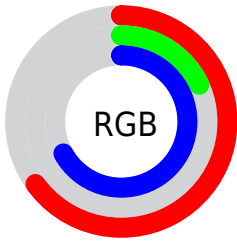
Format	Color
RYB	166, 46, 171
Decimal	10890923
CIELab	42.77, 62.97, -41.65
CIELCh	43, 75.492, 326.520
Yxy	13.0013, 0.3131, 0.1692
Android (android.graphics.Color)	4289081003 (0xFFA62EAB)
YUV	96.1300, 36.9109, 61.2760
Hunter-Lab	36.0573, 55.9760, -40.1546

Details

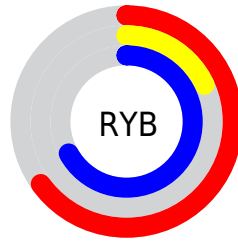
The YUV color **96.1300, 36.9109, 61.2760** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **120.8700, -36.9109, -61.2760**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9020, 36.0373, 61.4759**, and **46.3420, 35.3274, 55.8281** is the 20% darker color. If you saturate the color by 10%, you get **85.8520, 41.9780, 69.4128**, and if you desaturate by 10%, it is **106.4080, 31.8439, 53.1392**.

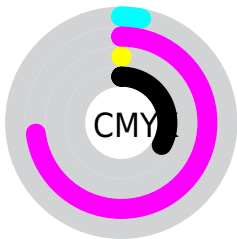
Distribution



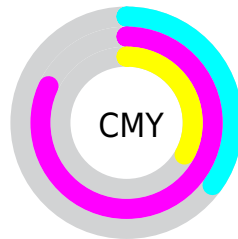
- Red (65%)
- Green (18%)
- Blue (67%)



- Red (65%)
- Yellow (18%)
- Blue (67%)



- Cyan (3%)
- Magenta (73%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (82%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1300, 36.9109, 61.2760 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 96.1300, 36.9109, 61.2760 by changing the saturation by 10% instead.

96.1300, 36.9109,
61.2760

96.1300, 36.9109,
61.2760

255.0000, 0.0000,
0.0000

58.2650, 42.2674,
69.9276

153.9020, 36.0373,
61.4759

46.3420, 35.3274,
55.8281

182.5000, 35.7425,
62.7055

35.4190, 28.3874,
41.7285

199.2350, 27.4921,
48.9059

24.9090, 21.7369,
28.1438

216.2580, 19.0998,
33.9767

14.1000, 15.2337,
13.9443

233.2810, 10.7075,
19.0476

3.2090, 9.7570,
-2.8143

250.3040, 2.3151,

0.0000, 0.0000,

4.1184

0.0000

■ 96.1300, 36.9109,
61.2760

■ 96.1300, 36.9109,
61.2760

■ 85.8520, 41.9780,
69.4128

■ 106.4080, 31.8439,
53.1392

■ 75.8730, 46.8976,
78.1644

■ 116.3870, 26.9242,
44.3876

■ 68.5300, 50.5177,
83.7272

■ 126.6650, 21.8572,
36.2508

■ 136.9430, 16.7901,
28.1140

■ 147.5090, 11.5811,
18.8476

■ 157.7870, 6.5140,
10.7108

■ 168.0650, 1.4470,
2.5740

■ 178.0440, -3.4727,
-6.1776

■ 188.3220, -8.5397,
-14.3144

Harmonies

Analogous

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



96.1990, 58.5689, -25.6075



96.1300, 36.9109, 61.2760



73.3510, 18.5610, 113.7022

Triad

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



96.1300, 36.9109, 61.2760



95.2220, -46.9444, 30.5003



92.3330, 31.3878, -80.9760

Complementary

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



96.1300, 36.9109, 61.2760



120.8700, -36.9109, -61.2760

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.



84.4500, 3.7222, -74.0626



96.1300, 36.9109, 61.2760



86.9620, -42.8723, -15.7527

Square

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



96.1300, 36.9109, 61.2760



91.0670, -44.8960, 73.6092



73.8940, -26.5697, -64.8050



95.6850, 54.3853, -83.9157

Rectangle

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



96.1300, 36.9109, 61.2760



69.5740, 0.2100, 119.6456



73.8940, -26.5697, -64.8050



89.9390, 22.2151, -78.8765

Sweetspot

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



96.1300, 36.9109, 61.2760



192.6390, 14.4750, 23.9956



63.7720, 52.8634, -15.5860



94.6780, 8.5397, 14.3144



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



96.1300, 36.9109, 61.2760



105.1430, 57.6105, 95.4676



91.2410, 11.7132, 69.9486



81.4180, 2.7519, 4.0184



60.1560, 44.2931, 73.5312



9.2000, 6.8034, 11.2256

Inverse Universe

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



83.9450, -16.2419, 76.3472



86.1030, -25.6868, 119.1817



125.7590, -11.7132, -69.9486



80.6910, -1.3267, 5.5330



45.5340, -19.4903, 91.6167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 96.1300, 36.9109, 61.2760 looks on a white background.

Color Contrast Check

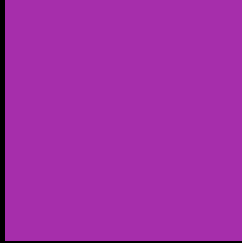
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.1300, 36.9109, 61.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

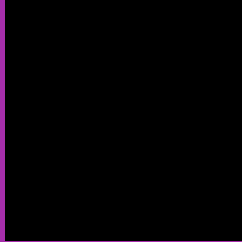
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1300, 36.9109, 61.2760

Background



This preview shows how black text looks on a background with the YUV color 96.1300, 36.9109, 61.2760.



This preview shows how white text looks on a background with the YUV color 96.1300, 36.9109,

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

96.1300, 36.9109, 61.2760

Protanopia

81.3520, 62.9305, -71.3457

Deuteranopia

98.3750, 31.3671, -27.5159



Tritanopia

101.3050, -9.0244, 47.9675

Trichromacy



Original Color

96.1300, 36.9109, 61.2760



Protanomaly

86.5430, 53.4693, -23.2782



Deuteranomaly

97.7410, 33.1587, 4.6121



Tritanomaly

99.6920, 7.5468, 52.8901

Monochromacy



Original Color

96.1300, 36.9109, 61.2760



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.9870, 13.3174, 21.9364

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1300, 36.9109, 61.2760 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(166, 46, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 46, 171)  
}
```

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(166, 46, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 46, 171) }
```

Border

The CSS property to change the border of an element to YUV 96.1300, 36.9109, 61.2760 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(166, 46, 171) }
```


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

```
.border{ border-color:rgb(166, 46, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 46, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 46, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 46, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 46,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 96.1300, 36.9109, 61.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 46, 171) }
```

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

```
.background{ background-color: rgb(166, 46,  
171) }
```

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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