

Converting Colors

YUV(97.0380, 36.4633, 64.8647)

Have a look what the booklet for
YUV(97.0380, 36.4633, 64.8647)
contains.

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Color

**YUV(97.0380, 36.4633,
64.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2DAB
RGB	171, 45, 171
RGB Percent	67%, 18%, 67%
CMY	0.3294, 0.8235, 0.3294
CMYK	0.00, 0.74, 0.00, 0.33
HSL	300°, 58%, 42%
HSV	300°, 74%, 67%
XYZ	25.0837, 13.4750, 39.8070
YIQ	97.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

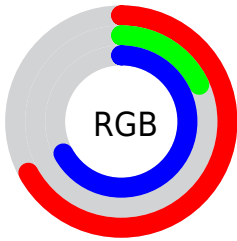
Format	Color
R_{YB}	171, 45, 171
Decimal	11218347
CIE _{Lab}	43.47, 64.38, -40.47
CIE _{LCh}	43, 76.044, 327.843
Yxy	13.4750, 0.3201, 0.1720
Android (android.graphics.Color)	4289408427 (0xFFAB2DAB)
YUV	97.0380, 36.4633, 64.8647
Hunter-Lab	36.7083, 57.7339, -38.5991

Details

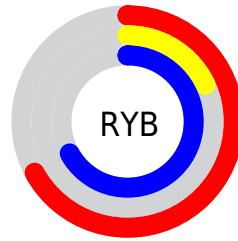
The YUV color **97.0380, 36.4633, 64.8647** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **118.9620, -36.4633, -64.8647**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3970, 35.3003, 64.5498**, and **47.8370, 34.5904, 58.9020** is the 20% darker color. If you saturate the color by 10%, you get **87.0590, 41.3829, 73.6163**, and if you desaturate by 10%, it is **107.0170, 31.5436, 56.1131**.

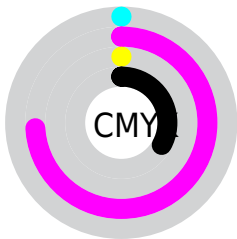
Distribution



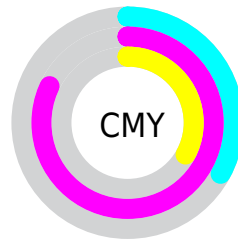
- Red (67%)
- Green (18%)
- Blue (67%)



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



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (33%)





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

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0380, 36.4633, 64.8647 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 97.0380, 36.4633, 64.8647 by changing the saturation by 10% instead.


 97.0380, 36.4633,
64.8647


 97.0380, 36.4633,
64.8647


255.0000, 0.0000,
0.0000


 59.1730, 41.8197,
73.5163


 155.3970, 35.3003,
64.5498


 47.8370, 34.5904,
58.9020


 182.7990, 35.5951,
63.3203


 36.6150, 27.7978,
44.1876


 199.2350, 27.4921,
48.9059

 26.1050, 21.1472,
30.6029

 216.2580, 19.0998,
33.9767

 15.4100, 15.0809,
16.3034

 233.2810, 10.7075,
19.0476

 3.3230, 10.1938,
-2.9143

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 97.0380, 36.4633,
64.8647

■ 97.0380, 36.4633,
64.8647

■ 87.0590, 41.3829,
73.6163

■ 107.0170, 31.5436,
56.1131

■ 77.0800, 46.3026,
82.3678

■ 116.9960, 26.6240,
47.3615

■ 70.6230, 49.4859,
88.0306

■ 126.9750, 21.7043,
38.6099

■ 136.9540, 16.7847,
29.8583

■ 147.5200, 11.5756,
20.5920

■ 157.4990, 6.6560,
11.8404

■ 167.4780, 1.7363,
3.0888

■ 177.4570, -3.1833,
-5.6628

■ 187.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



99.3030, 57.5316, -19.5597



97.0380, 36.4633, 64.8647



74.1340, 17.6819, 115.6465

Triad

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



97.0380, 36.4633, 64.8647



96.9830, -47.8126, 28.9559



93.9630, 32.5562, -82.4056

Complementary

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



97.0380, 36.4633, 64.8647



118.9620, -36.4633, -64.8647

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.



86.0800, 4.8906, -75.4922



97.0380, 36.4633, 64.8647



88.1250, -43.4456, -18.5266

Square

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



97.0380, 36.4633, 64.8647



93.7140, -46.2010, 72.1648



75.6380, -24.9645, -66.3345



97.3150, 55.5537, -85.3453

Rectangle

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



97.0380, 36.4633, 64.8647



70.3570, -0.6690, 121.5899



75.6380, -24.9645, -66.3345



91.6830, 23.8203, -80.4060

Sweetspot

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



97.0380, 36.4633, 64.8647



193.2370, 14.1802, 25.2252



59.3640, 55.0365, -12.5972



94.9770, 8.3923, 14.9292



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.



97.0380, 36.4633, 64.8647



107.5350, 56.4312, 100.3858



89.8560, 8.9450, 71.1633



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Inverse Universe

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



97.0380, 36.4633, 64.8647



107.5350, 56.4312, 100.3858



126.1440, -8.9450, -71.1633



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 97.0380, 36.4633, 64.8647 looks on a white background.

Color Contrast Check

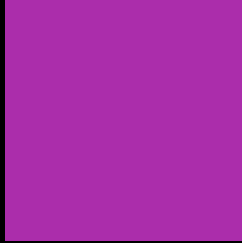
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0380, 36.4633, 64.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

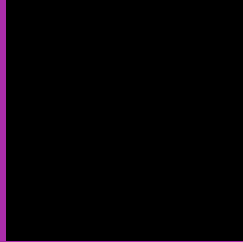
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.0380, 36.4633, 64.8647

Background



This preview shows how black text looks on a background with the YUV color 97.0380, 36.4633, 64.8647.



This preview shows how white text looks on a background with the YUV color 97.0380, 36.4633,

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

97.0380, 36.4633, 64.8647

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

100.4570, 30.3407, -24.9568



Tritanopia

102.6860, -10.1982, 51.1414

Trichromacy



Original Color

97.0380, 36.4633, 64.8647



Protanomaly

87.9560, 53.7587, -22.7634



Deuteranomaly

99.2360, 32.4217, 7.6860



Tritanomaly

100.4860, 6.6624, 56.5788

Monochromacy



Original Color

97.0380, 36.4633, 64.8647



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0380, 36.4633, 64.8647 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(171, 45, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 45, 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(171, 45, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 45, 171) }
```

Border

The CSS property to change the border of an element to YUV 97.0380, 36.4633, 64.8647 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(171, 45, 171) }
```


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

```
.border{ border-color:rgb(171, 45, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 45, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 45, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 45, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 45,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 97.0380, 36.4633, 64.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 45, 171) }
```

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

```
.background{ background-color: rgb(171, 45,  
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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