

Converting Colors

YUV(97.6340, 36.1694,
112.5770)

Have a look what the booklet for
YUV(97.6340, 36.1694, 112.5770)
contains.

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Color

**YUV(97.6340, 36.1694,
112.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	E212AB
RGB	226, 18, 171
RGB Percent	89%, 7%, 67%
CMY	0.1137, 0.9294, 0.3294
CMYK	0.00, 0.92, 0.24, 0.11
HSL	316°, 85%, 48%
HSV	316°, 92%, 89%
XYZ	38.9310, 19.5416, 40.2481
YIQ	97.6340, 74.8550, 91.6790

Conversions

Conversions Part 2

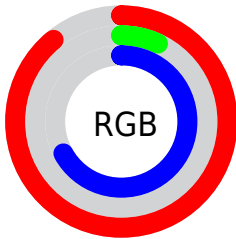
Format	Color
RYB	226, 18, 171
Decimal	14815915
CIELab	51.31, 81.18, -27.47
CIELCh	51, 85.699, 341.301
Yxy	19.5416, 0.3944, 0.1979
Android (android.graphics.Color)	4293005995 (0xFFE212AB)
YUV	97.6340, 36.1694, 112.5770
Hunter-Lab	44.2059, 79.8400, -23.0375

Details

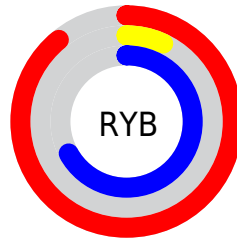
The YUV color **97.6340, 36.1694, 112.5770** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **146.3660, -36.1694, -112.5770**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8230, 32.6253, 82.5932**, and **63.0860, 27.0726, 90.2556** is the 20% darker color. If you saturate the color by 10%, you get **86.4980, 39.1945, 122.3433**, and if you desaturate by 10%, it is **111.8190, 32.1342, 100.1367**.

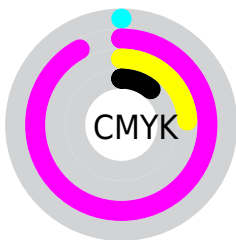
Distribution



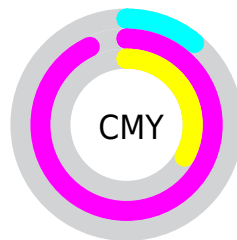
- Red (89%)
- Green (7%)
- Blue (67%)



- Red (89%)
- Yellow (7%)
- Blue (67%)



- Cyan (0%)
- Magenta (92%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.6340, 36.1694, 112.5770 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 97.6340, 36.1694, 112.5770 by changing the saturation by 10% instead.


 97.6340, 36.1694,
112.5770


 97.6340, 36.1694,
112.5770


255.0000, 0.0000,
0.0000


 75.0200, 34.0071,
106.0995


 160.8230, 32.6253,
82.5932


 63.0860, 27.0726,
90.2556


 182.2120, 35.8845,
63.8351

 51.2660, 20.5749,
74.3117


 199.8220, 27.2028,
48.3911

 39.8590, 14.3665,
58.8827

 217.4320, 18.5210,
32.9471

 28.9790, 8.8844,
43.8684

 235.0420, 9.8393,
17.5032

 17.5010, 3.6970,
27.6246

 253.2390, 0.8682,

 0.5980, -0.2948,

1.5444

1.2296

■ 0.0000, 0.0000,
0.0000

■ 97.6340, 36.1694,
112.5770

■ 97.6340, 36.1694,
112.5770

■ 86.4980, 39.1945,
122.3433

■ 111.8190, 32.1342,
100.1367

■ 125.4170, 28.3884,
88.2113

■ 139.6020, 24.3532,
75.7710

■ 153.2000, 20.6074,
63.8456

■ 167.3850, 16.5722,
51.4054

■ 181.5700, 12.5370,
38.9651

■ 195.1680, 8.7912,
27.0397

■ 209.3530, 4.7560,
14.5994

■ 222.9510, 1.0102,
2.6740

Harmonies

Analogous

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



123.5030, 54.4750, 27.6229



97.6340, 36.1694, 112.5770



84.7260, 6.5441, 141.4373

Triad

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



97.6340, 36.1694, 112.5770



112.2120, -55.3205, 10.3381



113.6030, 51.9607, -99.6298

Complementary

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



97.6340, 36.1694, 112.5770



146.3660, -36.1694, -112.5770

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.



106.2100, 21.0955, -93.1462



97.6340, 36.1694, 112.5770



88.1270, -43.4466, -65.0094

Square

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



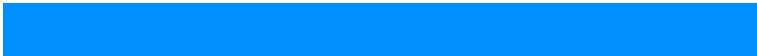
97.6340, 36.1694, 112.5770



114.6020, -56.4988, 61.7390



96.2580, -11.9592, -84.4183



113.0110, 70.0006, -99.1106

Rectangle

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



97.6340, 36.1694, 112.5770



96.3470, -22.3561, 124.2297



96.2580, -11.9592, -84.4183



111.6820, 42.0618, -97.9451

Sweetspot

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



97.6340, 36.1694, 112.5770



211.1570, 12.2476, 38.4503



57.2600, 83.1888, 11.1730



100.8040, 7.4916, 23.8509



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.



97.6340, 36.1694, 112.5770



97.6770, 44.5292, 137.9723



86.1200, -7.9472, 122.6748



105.2010, 1.8729, 5.9627



67.3300, 30.4033, 95.3036



18.4560, 8.6492, 25.9101

Inverse Universe

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



97.6340, 36.1694, 112.5770



97.6770, 44.5292, 137.9723



157.8800, 7.9472, -122.6748



105.2010, 1.8729, 5.9627



67.3300, 30.4033, 95.3036



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 97.6340, 36.1694, 112.5770 looks on a white background.

Color Contrast Check

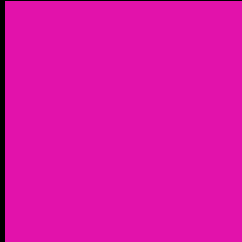
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.6340, 36.1694, 112.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

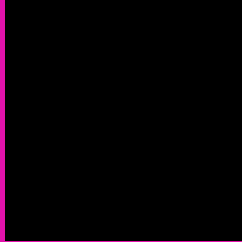
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.6340, 36.1694, 112.5770

Background



This preview shows how black text looks on a background with the YUV color 97.6340, 36.1694, 112.5770.



This preview shows how white text looks on a background with the YUV color 97.6340, 36.1694,

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

97.6340, 36.1694, 112.5770

Protanopia

111.9780, 63.6078, -55.2317

Deuteranopia

123.6520, 17.9196, -7.5878



Tritanopia

113.8930, -20.6532, 91.3018

Trichromacy



Original Color

97.6340, 36.1694, 112.5770



Protanomaly

106.5450, 53.9613, 5.6610



Deuteranomaly

114.3490, 24.4779, 35.6509



Tritanomaly

107.7410, 0.1277, 99.3281

Monochromacy



Original Color

97.6340, 36.1694, 112.5770



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.1080, 13.2578, 41.1243

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6340, 36.1694, 112.5770 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(226, 18, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 18, 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(226, 18, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 18, 171) }
```

Border

The CSS property to change the border of an element to YUV 97.6340, 36.1694, 112.5770 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(226, 18, 171) }
```


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

```
.border{ border-color:rgb(226, 18, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 18, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 18, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 18, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 18,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 97.6340, 36.1694, 112.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 18, 171) }
```

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

```
.background{ background-color: rgb(226, 18,  
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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