

Converting Colors

YUV(104.3730, 35.3121,
107.5439)

Have a look what the booklet for
YUV(104.3730, 35.3121, 107.5439)
contains.

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Color

**YUV(104.3730, 35.3121,
107.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	E31CB0
RGB	227, 28, 176
RGB Percent	89%, 11%, 69%
CMY	0.1098, 0.8902, 0.3098
CMYK	0.00, 0.88, 0.22, 0.11
HSL	315°, 78%, 50%
HSV	315°, 88%, 89%
XYZ	39.9303, 20.2960, 42.8873
YIQ	104.3730, 71.0960, 88.2160

Conversions

Conversions Part 2

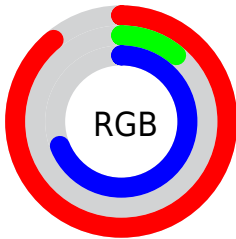
Format	Color
RYB	227, 28, 176
Decimal	14884016
CIELab	52.17, 80.64, -29.07
CIELCh	52, 85.720, 340.175
Yxy	20.2960, 0.3872, 0.1968
Android (android.graphics.Color)	4293074096 (0xFFE31CB0)
YUV	104.3730, 35.3121, 107.5439
Hunter-Lab	45.0511, 79.3712, -24.9065

Details

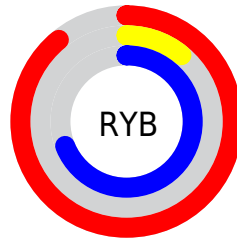
The YUV color **104.3730, 35.3121, 107.5439** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **150.6270, -35.3121, -107.5439**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1540, 33.9411, 80.5489**, and **63.9550, 29.1092, 90.3705** is the 20% darker color. If you saturate the color by 10%, you get **90.1880, 39.3473, 119.9841**, and if you desaturate by 10%, it is **118.5580, 31.2769, 95.1036**.

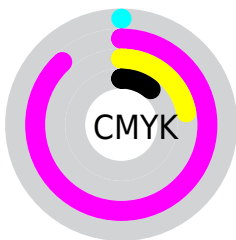
Distribution



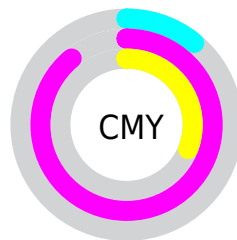
- Red (89%)
- Green (11%)
- Blue (69%)



- Red (89%)
- Yellow (11%)
- Blue (69%)



- Cyan (0%)
- Magenta (88%)
- Yellow (22%)
- Black (11%)




- Cyan (11%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.3730, 35.3121, 107.5439 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 104.3730, 35.3121, 107.5439 by changing the saturation by 10% instead.


 104.3730, 35.3121,
107.5439


 104.3730, 35.3121,
107.5439


255.0000, 0.0000,
0.0000


 75.8890, 36.0437,
106.2143


 163.1540, 33.9411,
80.5489


 63.9550, 29.1092,
90.3705


 183.9730, 35.0163,
62.2907

 52.1350, 22.6114,
74.4266


 201.5830, 26.3346,
46.8467

 40.7280, 16.4031,
58.9975

 219.1930, 17.6529,
31.4027

 29.7340, 10.4841,
44.0833

 236.8030, 8.9711,
15.9588

 18.5550, 5.1494,
28.4543

 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 104.3730, 35.3121,
107.5439

■ 104.3730, 35.3121,
107.5439

■ 90.1880, 39.3473,
119.9841

■ 118.5580, 31.2769,
95.1036

■ 87.1390, 40.3575,
122.6581

■ 132.1560, 27.5311,
83.1782

■ 146.2270, 23.0591,
70.8379

■ 160.4120, 19.0239,
58.3977

■ 174.5970, 14.9887,
45.9574

■ 188.1950, 11.2429,
34.0320

■ 202.3800, 7.2077,
21.5917

■ 216.5650, 3.1725,
9.1515

■ 230.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



125.7090, 55.3595, 23.9342



104.3730, 35.3121, 107.5439



86.1930, 8.2859, 142.7817

Triad

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



104.3730, 35.3121, 107.5439



114.8810, -56.6363, 12.3824



115.3640, 51.0925, -101.1742

Complementary

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



104.3730, 35.3121, 107.5439



150.6270, -35.3121, -107.5439

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.



107.9710, 20.2273, -94.6906



104.3730, 35.3121, 107.5439



94.0850, -46.3839, -56.2025

Square

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



104.3730, 35.3121, 107.5439



116.6840, -57.5252, 64.2981



97.3180, -12.9748, -85.3479



114.7720, 69.1324, -100.6550

Rectangle

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



104.3730, 35.3121, 107.5439



98.7000, -21.0511, 125.6741



97.3180, -12.9748, -85.3479



113.4430, 41.1936, -99.4895

Sweetspot

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



104.3730, 35.3121, 107.5439



214.3200, 11.6742, 35.6764



65.6360, 79.5525, 10.8432



103.2660, 6.7709, 21.6917



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.



104.3730, 35.3121, 107.5439



97.9050, 45.4028, 137.7723



93.2010, -7.4941, 117.3417



107.6140, 2.1623, 6.4775



68.6830, 31.7083, 96.7480



19.5810, 9.0806, 27.5545

Inverse Universe

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



104.3730, 35.3121, 107.5439



97.9050, 45.4028, 137.7723



161.7990, 7.4941, -117.3417



107.6140, 2.1623, 6.4775



68.6830, 31.7083, 96.7480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 104.3730, 35.3121, 107.5439 looks on a white background.

Color Contrast Check

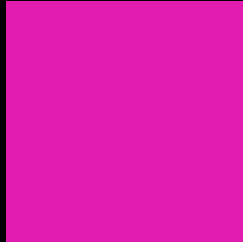
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3730, 35.3121, 107.5439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

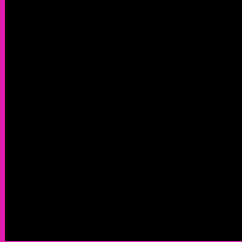
Any Text WCAG AA ✓ Pass

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 104.3730, 35.3121, 107.5439 Background



This preview shows how black text looks on a background with the YUV color 104.3730, 35.3121, 107.5439.



This preview shows how white text looks on a background with the YUV color 104.3730, 35.3121, 107.5439.

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

104.3730, 35.3121, 107.5439

Protanopia

113.9070, 64.6288, -56.0464

Deuteranopia

125.6950, 19.3774, -8.5025



Tritanopia

117.1100, -19.7742, 89.3575

Trichromacy



Original Color

104.3730, 35.3121, 107.5439



Protanomaly

110.2350, 54.1141, 3.3019



Deuteranomaly

117.5660, 25.3570, 33.7066



Tritanomaly

112.7190, 0.1385, 95.8394

Monochromacy



Original Color

104.3730, 35.3121, 107.5439



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.9830, 12.8264, 39.4799

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3730, 35.3121, 107.5439 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(227, 28, 176)` looks like.

```
.text, #text, p{  
    color:rgb(227, 28, 176)  
}
```

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(227, 28, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 28, 176) }
```

Border

The CSS property to change the border of an element to YUV 104.3730, 35.3121, 107.5439 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(227, 28, 176) }
```


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

```
.border{ border-color:rgb(227, 28, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 28, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 28, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 28, 176);  
box-shadow:4px 4px 4px 4px rgb(227, 28,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 104.3730, 35.3121, 107.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 28, 176) }
```

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

```
.background{ background-color: rgb(227, 28,  
176) }
```

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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