

Converting Colors

YUV(88.9370, 60.1771,
112.3113)

Have a look what the booklet for
YUV(88.9370, 60.1771, 112.3113)
contains.

YUV(88.9370, 60.1771, 112.3113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(88.9370, 60.1771,
112.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	D900D3
RGB	217, 0, 211
RGB Percent	85%, 0%, 83%
CMY	0.1490, 1.0000, 0.1725
CMYK	0.00, 1.00, 0.03, 0.15
HSL	302°, 100%, 43%
HSV	302°, 100%, 85%
XYZ	40.3731, 19.4549, 63.2553
YIQ	88.9370, 61.6010, 111.6250

Conversions

Conversions Part 2

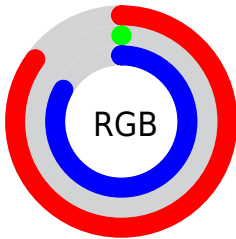
Format	Color
R_{YB}	217, 0, 211
Decimal	14221523
CIE Lab	51.22, 86.14, -50.99
CIE LCh	51, 100.098, 329.374
Yxy	19.4549, 0.3280, 0.1581
Android (android.graphics.Color)	4292411603 (0xFFD900D3)
YUV	88.9370, 60.1771, 112.3113
Hunter-Lab	44.1077, 86.1983, -54.1531

Details

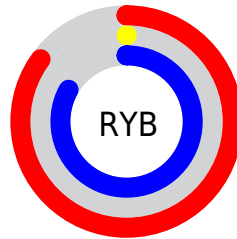
The YUV color **88.9370, 60.1771, 112.3113** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **128.0630, -60.1771, -112.3113**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **64.7270, 44.9976, 80.9234** is the 20% darker color. If you saturate the color by 10%, you get **88.9370, 60.1771, 112.3113**, and if you desaturate by 10%, it is **101.9650, 54.2473, 100.8857**.

Distribution



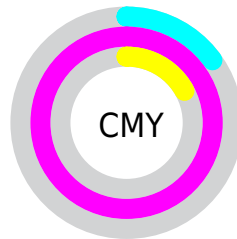
- Red (85%)
- Green (0%)
- Blue (83%)



- Red (85%)
- Yellow (0%)
- Blue (83%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.9370, 60.1771, 112.3113 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 88.9370, 60.1771, 112.3113 by changing the saturation by 10% instead.


 88.9370, 60.1771,
112.3113


 88.9370, 60.1771,
112.3113


255.0000, 0.0000,
0.0000


 76.7750, 52.3689,
96.6673


 161.6670, 46.0132,
81.8530


 64.7270, 44.9976,
80.9234


 179.8640, 37.0420,
65.8943


 52.9780, 37.4788,
65.7943


 198.0610, 28.0709,
49.9355

 41.3430, 30.3969,
50.5652

 215.6710, 19.3892,
34.4915

 30.1210, 23.6043,
35.8509

 233.2810, 10.7075,
19.0476

 18.4150, 17.5434,
19.8070

 251.4780, 1.7363,

 3.6480, 13.9775,

3.0888

-3.1993

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 88.9370, 60.1771,
112.3113

■ 101.9650, 54.2473,
100.8857

■ 114.2920, 48.1700,
90.0749

■ 127.3200, 42.2402,
78.6494

■ 140.2340, 35.8736,
67.3238

■ 153.2620, 29.9438,
55.8982

■ 165.7030, 24.3034,
44.9875

■ 178.6170, 17.9368,
33.6619

■ 191.6450, 12.0070,
22.2363

■ 203.9720, 5.9298,
11.4256

Harmonies

Analogous

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



112.5980, 70.2042, -24.2034



88.9370, 60.1771, 112.3113



90.8370, 18.3214, 143.9710

Triad

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



88.9370, 60.1771, 112.3113



114.7030, -56.5486, 30.9555



114.3550, 44.6880, -100.2893

Complementary

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



88.9370, 60.1771, 112.3113



128.0630, -60.1771, -112.3113

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.



103.8500, 6.9760, -91.0764



88.9370, 60.1771, 112.3113



99.8210, -49.2118, -35.8000

Square

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



88.9370, 60.1771, 112.3113



109.1850, -53.8282, 91.9228



89.3040, -38.6039, -78.3196



117.7070, 67.6854, -103.2290

Rectangle

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



88.9370, 60.1771, 112.3113



84.4530, -6.1393, 149.5697



89.3040, -38.6039, -78.3196



111.1630, 32.4576, -97.4900

Sweetspot

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



88.9370, 60.1771, 112.3113



210.1600, 21.1201, 39.3247



25.9340, 94.1955, -19.2361



100.7700, 12.4384, 23.8807



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.



88.9370, 60.1771, 112.3113



104.5170, 70.7371, 131.9736



76.8530, 13.8765, 122.9089



103.4290, 2.7465, 5.7628



70.9930, 48.3175, 89.4601



18.8840, 12.8752, 23.7807

Inverse Universe

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



88.9370, 60.1771, 112.3113



104.5170, 70.7371, 131.9736



140.1470, -13.8765, -122.9089



103.4290, 2.7465, 5.7628



70.9930, 48.3175, 89.4601



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 88.9370, 60.1771, 112.3113 looks on a white background.

Color Contrast Check

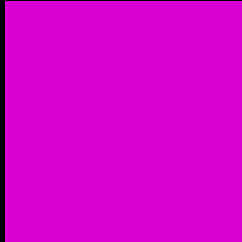
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.9370, 60.1771, 112.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

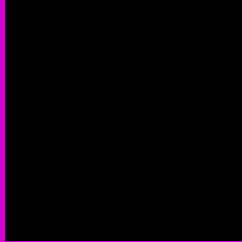
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 88.9370, 60.1771, 112.3113

Background



This preview shows how black text looks on a background with the YUV color 88.9370, 60.1771, 112.3113.



This preview shows how white text looks on a background with the YUV color 88.9370, 60.1771,

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



Protanopia

98.6950, 76.0724, -86.5555

Deuteranopia

119.2800, 38.8090, -34.4486

Tritanopia

119.7490, -15.6523, 73.8881

Trichromacy



Protanomaly

95.3650, 70.3191, -14.3521

Deuteranomaly

108.3850, 46.6452, 18.9564

Tritanomaly

108.7640, 11.9483, 87.9070

Monochromacy



Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2850, 21.5515, 40.9691

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9370, 60.1771, 112.3113 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(217, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 211)  
}
```

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(217, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 211) }
```

Border

The CSS property to change the border of an element to YUV 88.9370, 60.1771, 112.3113 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(217, 0, 211) }
```

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

```
.border{ border-color:rgb(217, 0, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
211) }
```


Background

The CSS property to change the background color of an element to YUV 88.9370, 60.1771, 112.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 211) }
```

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

```
.background{ background-color: rgb(217, 0,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

[@ConvertingColor](#)