

Converting Colors

YUV(100.1430, 61.0615,
108.6226)

Have a look what the booklet for
YUV(100.1430, 61.0615, 108.6226)
contains.

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Color

**YUV(100.1430, 61.0615,
108.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	E00DE0
RGB	224, 13, 224
RGB Percent	88%, 5%, 88%
CMY	0.1216, 0.9490, 0.1216
CMYK	0.00, 0.94, 0.00, 0.12
HSL	300°, 89%, 46%
HSV	300°, 94%, 88%
XYZ	44.3389, 21.5170, 72.3373
YIQ	100.1430, 58.0250, 110.3530

Conversions

Conversions Part 2

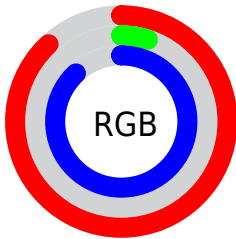
Format	Color
R _Y B	224, 13, 224
Decimal	14683616
CIE Lab	53.51, 88.17, -54.67
CIE LCh	54, 103.739, 328.198
Yxy	21.5170, 0.3208, 0.1557
Android (android.graphics.Color)	4292873696 (0xFFE00DE0)
YUV	100.1430, 61.0615, 108.6226
Hunter-Lab	46.3864, 89.4451, -59.9894

Details

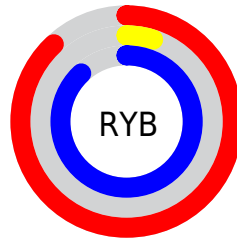
The YUV color **100.1430, 61.0615, 108.6226** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **136.8570, -61.0615, -108.6226**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 44.5662, 79.2790**, and **68.1880, 49.2073, 84.0271** is the 20% darker color. If you saturate the color by 10%, you get **92.5120, 64.8236, 115.3150**, and if you desaturate by 10%, it is **113.0570, 54.6949, 97.2970**.

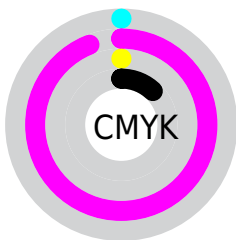
Distribution



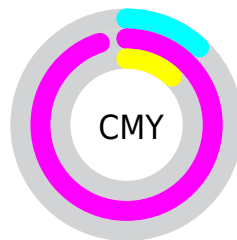
- Red (88%)
- Green (5%)
- Blue (88%)



- Red (88%)
- Yellow (5%)
- Blue (88%)



- Cyan (0%)
- Magenta (94%)
- Yellow (0%)
- Black (12%)





- Cyan (12%)
- Magenta (95%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.1430, 61.0615, 108.6226 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 100.1430, 61.0615, 108.6226 by changing the saturation by 10% instead.


 100.1430, 61.0615,
108.6226


 100.1430, 61.0615,
108.6226


255.0000, 0.0000,
0.0000

 80.3500, 57.0155,
99.6711


 164.6020, 44.5662,
79.2790


 68.1880, 49.2073,
84.0271


 182.7990, 35.5951,
63.3203

 56.1400, 41.8360,
68.2832


 200.9960, 26.6240,
47.3615

 44.5050, 34.7540,
53.0541

 218.6060, 17.9422,
31.9175

 33.1690, 27.5247,
38.4398

 236.8030, 8.9711,
15.9588

 21.4630, 21.4637,
22.3959

254.4130, 0.2894,

 7.7780, 16.8714,

0.5148

1.9487

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 100.1430, 61.0615,
108.6226

■ 100.1430, 61.0615,
108.6226

■ 92.5120, 64.8236,
115.3150

■ 113.0570, 54.6949,
97.2970

■ 126.5580, 48.0389,
85.4566

■ 139.4720, 41.6723,
74.1311

■ 152.9730, 35.0163,
62.2907

■ 165.8870, 28.6497,
50.9651

■ 178.8010, 22.2831,
39.6395

■ 192.3020, 15.6271,
27.7991

■ 205.2160, 9.2605,
16.4736

■ 218.7170, 2.6045,
4.6332

Harmonies

Analogous

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



114.3150, 69.3577, -32.7253



100.1430, 61.0615, 108.6226



91.9770, 22.6893, 142.9712

Triad

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



100.1430, 61.0615, 108.6226



120.0410, -59.1802, 35.0440



119.7350, 44.9936, -105.0076

Complementary

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



100.1430, 61.0615, 108.6226



136.8570, -61.0615, -108.6226

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.



108.1870, 5.8238, -94.8800



100.1430, 61.0615, 108.6226



105.7350, -52.1274, -33.9706

Square

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



100.1430, 61.0615, 108.6226



113.3600, -55.8865, 98.7853



92.1590, -45.4344, -80.8234



122.4030, 65.3703, -107.3474

Rectangle

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



100.1430, 61.0615, 108.6226



85.2510, -3.0817, 148.8699



92.1590, -45.4344, -80.8234



115.8420, 32.6159, -101.5934

Sweetspot

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



100.1430, 61.0615, 108.6226



213.3230, 20.5468, 36.5507



37.0540, 92.1644, -21.0954



102.1720, 12.7332, 22.6512



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.



100.1430, 61.0615, 108.6226



105.3150, 73.7947, 131.2737



88.1730, 15.1977, 119.1203



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



100.1430, 61.0615, 108.6226



105.3150, 73.7947, 131.2737



148.9410, -14.7609, -119.2203



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 100.1430, 61.0615, 108.6226 looks on a white background.

Color Contrast Check

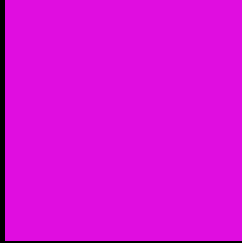
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.1430, 61.0615, 108.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

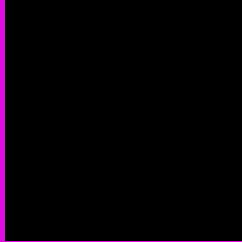
Any Text WCAG AA ✓ Pass

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 100.1430, 61.0615, 108.6226 Background



This preview shows how black text looks on a background with the YUV color 100.1430, 61.0615, 108.6226.



This preview shows how white text looks on a background with the YUV color 100.1430, 61.0615,

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

100.1430, 61.0615, 108.6226

Protanopia

114.7040, 69.1659, -64.6384

Deuteranopia

122.8000, 43.4826, -40.1666



Tritanopia

125.1620, -15.3629, 74.4029

Trichromacy



Original Color

100.1430, 61.0615, 108.6226



Protanomaly

109.4160, 66.3499, -1.2418



Deuteranomaly

114.5630, 50.0084, 13.5382



Tritanomaly

116.1660, 12.2432, 86.6774

Monochromacy



Original Color

100.1430, 61.0615, 108.6226



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

99.8010, 22.2831, 39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1430, 61.0615, 108.6226 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(224, 13, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 13, 224)  
}
```

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(224, 13, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 13, 224) }
```

Border

The CSS property to change the border of an element to YUV 100.1430, 61.0615, 108.6226 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(224, 13, 224) }
```


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

```
.border{ border-color:rgb(224, 13, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 13, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 13, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 13, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 13,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 100.1430, 61.0615, 108.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 13, 224) }
```

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

```
.background{ background-color: rgb(224, 13,  
224) }
```

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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