

Converting Colors

YUV(94.9100, 61.1764,
118.4739)

Have a look what the booklet for
YUV(94.9100, 61.1764, 118.4739)
contains.

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Color

**YUV(94.9100, 61.1764,
118.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	E602DB
RGB	230, 2, 219
RGB Percent	90%, 1%, 86%
CMY	0.0980, 0.9922, 0.1412
CMYK	0.00, 0.99, 0.05, 0.10
HSL	303°, 98%, 45%
HSV	303°, 99%, 90%
XYZ	45.4410, 21.9809, 68.8656
YIQ	94.9100, 66.2310, 115.8230

Conversions

Conversions Part 2

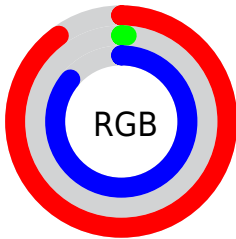
Format	Color
RYB	230, 2, 219
Decimal	15074011
CIELab	54.01, 89.21, -50.98
CIELCh	54, 102.750, 330.257
Yxy	21.9809, 0.3334, 0.1613
Android (android.graphics.Color)	4293264091 (0xFFE602DB)
YUV	94.9100, 61.1764, 118.4739
Hunter-Lab	46.8838, 90.9604, -54.2699

Details

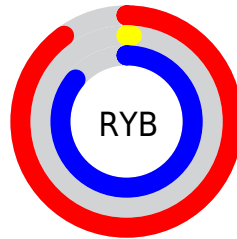
The YUV color **94.9100, 61.1764, 118.4739** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **137.0900, -61.1764, -118.4739**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 45.1450, 80.3086**, and **69.1130, 46.2863, 87.6009** is the 20% darker color. If you saturate the color by 10%, you get **93.7360, 61.7552, 119.5035**, and if you desaturate by 10%, it is **108.5250, 54.9572, 106.5336**.

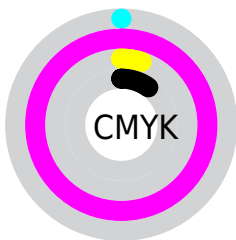
Distribution



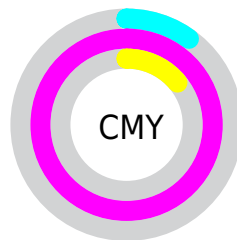
- Red (90%)
- Green (1%)
- Blue (86%)



- Red (90%)
- Yellow (1%)
- Blue (86%)



- Cyan (0%)
- Magenta (99%)
- Yellow (5%)
- Black (10%)





- Cyan (10%)
- Magenta (99%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9100, 61.1764, 118.4739 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 94.9100, 61.1764, 118.4739 by changing the saturation by 10% instead.


 94.9100, 61.1764,
118.4739


 94.9100, 61.1764,
118.4739


255.0000, 0.0000,
0.0000


 81.5740, 53.9470,
103.8596


 163.4280, 45.1450,
80.3086


 69.1130, 46.2863,
87.6009

 182.2120, 35.8845,
63.8351


 57.3640, 38.7675,
72.4718


 200.4090, 26.9134,
47.8763

 45.4300, 31.8330,
56.6279

 218.6060, 17.9422,
31.9175

 34.2080, 25.0405,
41.9136

 236.2160, 9.2605,
16.4736

 22.8010, 18.8321,
26.4845

254.4130, 0.2894,

 10.3120, 13.6502,

0.5148

8.4964

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 94.9100, 61.1764,
118.4739

■ 94.9100, 61.1764,
118.4739

■ 93.7360, 61.7552,
119.5035

■ 108.5250, 54.9572,
106.5336

■ 122.1400, 48.7380,
94.5932

■ 135.7550, 42.5188,
82.6529

■ 149.3700, 36.2996,
70.7125

■ 163.0990, 30.5172,
58.6722

■ 176.7140, 24.2980,
46.7318

■ 190.3290, 18.0788,
34.7915

■ 203.9440, 11.8596,
22.8511

■ 217.5590, 5.6404,
10.9108

Harmonies

Analogous

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



120.0180, 66.5461, -17.5558



94.9100, 61.1764, 118.4739



91.4070, 20.5053, 143.4711

Triad

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



94.9100, 61.1764, 118.4739



121.4920, -59.8956, 31.1405



121.0060, 47.3250, -106.1223

Complementary

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



94.9100, 61.1764, 118.4739



137.0900, -61.1764, -118.4739

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.



110.2730, 8.7394, -96.7094



94.9100, 61.1764, 118.4739



104.8160, -51.6743, -39.3036

Square

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



94.9100, 61.1764, 118.4739



116.2840, -57.3280, 94.4669



95.2540, -36.1142, -83.5378



122.4030, 65.3703, -107.3474

Rectangle

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



94.9100, 61.1764, 118.4739



84.7950, -4.8289, 149.2698



95.2540, -36.1142, -83.5378



117.8140, 35.0947, -103.3229

Sweetspot

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



94.9100, 61.1764, 118.4739



209.9320, 20.2465, 39.5246



30.3840, 98.4107, -17.8768



100.6560, 12.0016, 23.9807



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.



94.9100, 61.1764, 118.4739



103.9470, 68.5531, 132.4735



82.2560, 12.6918, 129.5715



107.8420, 3.0359, 6.2776



72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Inverse Universe

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



94.9100, 61.1764, 118.4739



103.9470, 68.5531, 132.4735



149.7440, -12.6918, -129.5715



107.8420, 3.0359, 6.2776



72.9010, 47.8698, 93.0488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 94.9100, 61.1764, 118.4739 looks on a white background.

Color Contrast Check

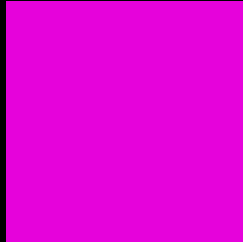
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9100, 61.1764, 118.4739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

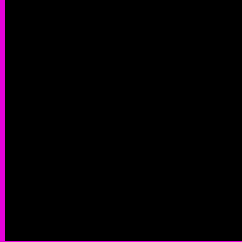
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.9100, 61.1764, 118.4739

Background



This preview shows how black text looks on a background with the YUV color 94.9100, 61.1764, 118.4739.



This preview shows how white text looks on a background with the YUV color 94.9100, 61.1764,

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

94.9100, 61.1764, 118.4739

Protanopia

117.6830, 67.6973, -60.2350

Deuteranopia

126.4050, 39.2403, -32.8042



Tritanopia

125.8530, -16.6895, 79.9359

Trichromacy



Original Color

94.9100, 61.1764, 118.4739



Protanomaly

109.5200, 65.3126, 4.8060



Deuteranomaly

114.6350, 47.5079, 22.2451



Tritanomaly

114.3950, 11.6373, 94.3696

Monochromacy



Original Color

94.9100, 61.1764, 118.4739



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.8230, 22.2723, 43.1282

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9100, 61.1764, 118.4739 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(230, 2, 219)` looks like.

```
.text, #text, p{  
    color:rgb(230, 2, 219)  
}
```

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(230, 2, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 2, 219) }
```

Border

The CSS property to change the border of an element to YUV 94.9100, 61.1764, 118.4739 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(230, 2, 219) }
```


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

```
.border{ border-color:rgb(230, 2, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 2, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 2, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 2, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 2,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 94.9100, 61.1764, 118.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 2, 219) }
```

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

```
.background{ background-color: rgb(230, 2,  
219) }
```

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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