

Converting Colors

YUV(161.7870, 0.1050, 59.8228)

Have a look what the booklet for
YUV(161.7870, 0.1050, 59.8228)
contains.

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Color

**YUV(161.7870, 0.1050,
59.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	E67FA2
RGB	230, 127, 162
RGB Percent	90%, 50%, 64%
CMY	0.0980, 0.5020, 0.3647
CMYK	0.00, 0.45, 0.30, 0.10
HSL	340°, 67%, 70%
HSV	340°, 45%, 90%
XYZ	46.7441, 34.6104, 38.3992
YIQ	161.7870, 50.1530, 32.7210

Conversions

Conversions Part 2

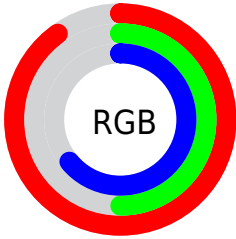
Format	Color
R _Y B	230, 127, 162
Decimal	15105954
CIE Lab	65.44, 43.62, -0.88
CIE LCh	65, 43.625, 358.842
Yxy	34.6104, 0.3903, 0.2890
Android (android.graphics.Color)	4293296034 (0xFFE67FA2)
YUV	161.7870, 0.1050, 59.8228
Hunter-Lab	58.8306, 38.8744, 2.4823

Details

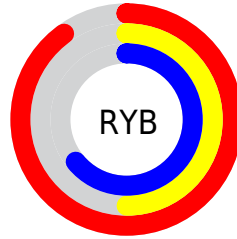
The YUV color **161.7870, 0.1050, 59.8228** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **195.2130, -0.1050, -59.8228**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8170, 4.5272, 41.3795**, and **108.1070, 1.4262, 56.0342** is the 20% darker color. If you saturate the color by 10%, you get **146.5760, 0.2090, 73.1628**, and if you desaturate by 10%, it is **176.9980, 0.0010, 46.4828**.

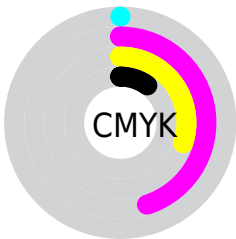
Distribution



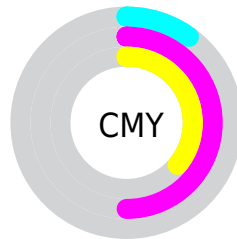
- Red (90%)
- Green (50%)
- Blue (64%)



- Red (90%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7870, 0.1050, 59.8228 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 161.7870, 0.1050, 59.8228 by changing the saturation by 10% instead.


 161.7870, 0.1050,
59.8228

 161.7870, 0.1050,
59.8228

255.0000, 0.0000,
0.0000


 134.8900, 0.5472,
57.9785

 207.8170, 4.5272,
41.3795


 108.1070, 1.4262,
56.0342


 227.4450, 8.6546,
24.1657

 81.0360, 2.4473,
55.2194

 245.6080, 4.6303,
8.2368

 53.6060, 4.6312,
54.7195

 31.2850, 4.7895,
50.6161

 21.2310, -0.1139,
36.6314

 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 161.7870, 0.1050,
59.8228

■ 161.7870, 0.1050,
59.8228

■ 146.5760, 0.2090,
73.1628

■ 176.9980, 0.0010,
46.4828

■ 131.3650, 0.3131,
86.5029

■ 192.2090, -0.1030,
33.1427

■ 116.0400, -0.0197,
99.9429

■ 207.5340, 0.2297,
19.7027

■ 100.8290, 0.0843,
113.2830

■ 222.7450, 0.1257,
6.3626

■ 85.6180, 0.1883,
126.6230

■ 237.9560, 0.0217,
-6.9774

■ 77.6620, 0.1666,
133.6004

■ 247.2970, 2.8116,
-15.1695

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



163.6390, 17.9260, 37.1506



161.7870, 0.1050, 59.8228



159.7000, -18.0931, 63.4071

Triad

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



161.7870, 0.1050, 59.8228



152.0030, -31.5535, -6.1416



127.2010, 48.2149, -111.5553

Complementary

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



161.7870, 0.1050, 59.8228



195.2130, -0.1050, -59.8228

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.



126.7160, 33.6640, -111.1299



161.7870, 0.1050, 59.8228



144.7670, -13.6891, -42.7687

Square

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



161.7870, 0.1050, 59.8228



155.5940, -37.7608, 24.9121



122.8570, 16.3395, -107.7456



149.6090, 43.0838, -52.2771

Rectangle

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



161.7870, 0.1050, 59.8228



159.0120, -28.1069, 55.2405



122.8570, 16.3395, -107.7456



128.0500, 43.8523, -112.2999

Sweetspot

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



161.7870, 0.1050, 59.8228



233.1210, -0.0597, 19.1879



158.7750, 35.1139, 30.8923



114.0770, -0.0380, 12.2105



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.



161.7870, 0.1050, 59.8228



163.6200, 0.1873, 80.1403



166.6020, -19.5238, 55.6000



107.0440, -0.0217, 6.9774



60.4750, 0.2588, 103.9464



17.1870, -0.0922, 29.6540

Inverse Universe

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



161.7870, 0.1050, 59.8228



163.6200, 0.1873, 80.1403



190.3980, 19.5238, -55.6000



107.0440, -0.0217, 6.9774



60.4750, 0.2588, 103.9464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 161.7870, 0.1050, 59.8228 looks on a white background.

Color Contrast Check

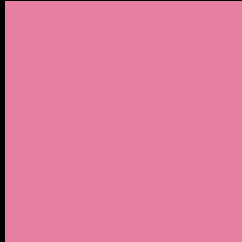
Large Text (above 18pt) WCAG AA × Fail

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 161.7870, 0.1050, 59.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

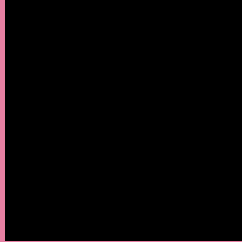
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.7870, 0.1050, 59.8228

Background



This preview shows how black text looks on a background with the YUV color 161.7870, 0.1050, 59.8228.



This preview shows how white text looks on a background with the YUV color 161.7870, 0.1050,

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

161.7870, 0.1050, 59.8228

Protanopia

160.0240, 10.3412, -3.5290

Deuteranopia

160.6210, -1.7852, 12.6104



Tritanopia

161.1430, -9.9305, 58.6336

Trichromacy



Original Color

161.7870, 0.1050, 59.8228

Protanomaly

160.8420, 6.4869, 19.4326

Deuteranomaly

160.9590, -0.9658, 29.8540

Tritanomaly

161.7670, -6.2941, 58.9633

Monochromacy



Original Color

161.7870, 0.1050, 59.8228

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8440, 0.0769, 22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7870, 0.1050, 59.8228 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, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 162)  
}
```

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, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 162) }
```

Border

The CSS property to change the border of an element to YUV 161.7870, 0.1050, 59.8228 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, 127, 162) }
```


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

```
.border{ border-color:rgb(230, 127, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 127, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 162);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 161.7870, 0.1050, 59.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 162) }
```

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

```
.background{ background-color: rgb(230,  
127, 162) }
```

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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