

Converting Colors

YUV(105.0060, 62.1150,
97.3417)

Have a look what the booklet for
YUV(105.0060, 62.1150, 97.3417)
contains.

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Color

**YUV(105.0060, 62.1150,
97.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	D818E7
RGB	216, 24, 231
RGB Percent	85%, 9%, 91%
CMY	0.1529, 0.9059, 0.0941
CMYK	0.06, 0.90, 0.00, 0.09
HSL	296°, 81%, 50%
HSV	296°, 90%, 91%
XYZ	43.0693, 21.0217, 77.3889
YIQ	105.0060, 47.9850, 105.0810

Conversions

Conversions Part 2

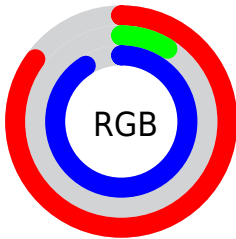
Format	Color
R _Y B	216, 24, 231
Decimal	14162151
CIE Lab	52.97, 86.74, -59.57
CIE LCh	53, 105.227, 325.523
Yxy	21.0217, 0.3044, 0.1486
Android (android.graphics.Color)	4292352231 (0xFFD818E7)
YUV	105.0060, 62.1150, 97.3417
Hunter-Lab	45.8494, 87.4400, -67.9805

Details

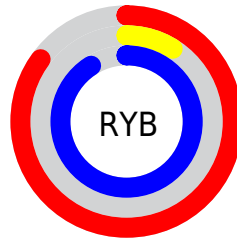
The YUV color **105.0060, 62.1150, 97.3417** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **149.9940, -62.1150, -97.3417**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **66.4800, 53.0074, 78.5090** is the 20% darker color. If you saturate the color by 10%, you get **90.9070, 69.0658, 107.9526**, and if you desaturate by 10%, it is **119.1050, 55.1642, 86.7309**.

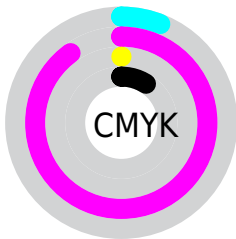
Distribution



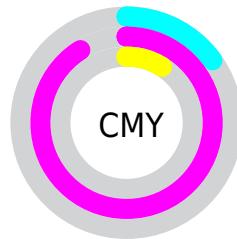
- Red (85%)
- Green (9%)
- Blue (91%)



- Red (85%)
- Yellow (9%)
- Blue (91%)



- Cyan (6%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)




- Cyan (15%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.0060, 62.1150, 97.3417 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 105.0060, 62.1150, 97.3417 by changing the saturation by 10% instead.


 105.0060, 62.1150,
97.3417


 105.0060, 62.1150,
97.3417


255.0000, 0.0000,
0.0000


 78.6420, 60.8155,
94.1530


 165.7760, 43.9874,
78.2494


 66.4800, 53.0074,
78.5090


 183.9730, 35.0163,
62.2907

 54.7310, 45.4886,
63.3799


 201.5830, 26.3346,
46.8467

 42.7970, 38.5541,
47.5360

 219.1930, 17.6529,
31.4027

 31.4610, 31.3247,
32.9217

 237.3900, 8.6817,
15.4440

 19.6410, 24.8270,
16.9778

 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 105.0060, 62.1150,
97.3417

■ 105.0060, 62.1150,
97.3417

■ 90.9070, 69.0658,
107.9526

■ 119.1050, 55.1642,
86.7309

■ 90.3200, 69.3552,
108.4674

■ 132.9050, 48.3608,
75.5053

■ 147.0040, 41.4100,
64.8945

■ 161.1030, 34.4592,
54.2837

■ 175.4900, 27.3664,
42.5433

■ 189.5890, 20.4156,
31.9324

■ 203.6880, 13.4648,
21.3216

■ 217.4880, 6.6614,
10.0960

■ 231.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



96.9400, 77.9236, -73.6154



105.0060, 62.1150, 97.3417



92.6610, 25.3101, 142.3713

Triad

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



105.0060, 62.1150, 97.3417



119.4870, -58.9071, 40.7919



117.6490, 42.0780, -103.1782

Complementary

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



105.0060, 62.1150, 97.3417



149.9940, -62.1150, -97.3417

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.



106.4600, 1.7452, -93.3654



105.0060, 62.1150, 97.3417



106.3660, -52.4384, -27.5080

Square

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



105.0060, 62.1150, 97.3417



109.2730, -53.8716, 105.8776



90.9850, -44.8556, -79.7938



122.4030, 65.3703, -107.3474

Rectangle

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



105.0060, 62.1150, 97.3417



85.9350, -0.4610, 148.2700



90.9850, -44.8556, -79.7938



114.2290, 28.9741, -100.1788

Sweetspot

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



105.0060, 62.1150, 97.3417



213.0020, 20.7050, 32.4472



57.5770, 85.4975, -29.4470



103.0360, 12.3073, 19.2624



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.



105.0060, 62.1150, 97.3417



99.9330, 76.4480, 120.2078



99.6870, 22.3393, 115.1615



107.6570, 3.6201, 5.5628



70.0400, 53.7173, 84.1569



19.8670, 15.3486, 23.7956

Inverse Universe

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



87.6030, -23.9613, 125.7592



78.2970, -29.7264, 154.9685



155.3130, -22.3393, -115.1615



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 105.0060, 62.1150, 97.3417 looks on a white background.

Color Contrast Check

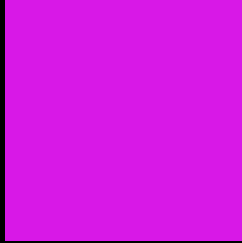
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.0060, 62.1150, 97.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

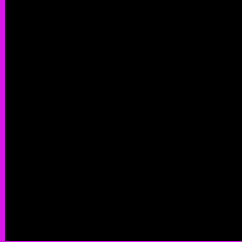
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.0060, 62.1150, 97.3417

Background



This preview shows how black text looks on a background with the YUV color 105.0060, 62.1150, 97.3417.



This preview shows how white text looks on a background with the YUV color 105.0060, 62.1150,

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

105.0060, 62.1150, 97.3417

Protanopia

110.5400, 71.2188, -69.7566

Deuteranopia

117.5150, 49.0461, -51.3177



Tritanopia

125.0900, -12.8624, 65.6961

Trichromacy



Original Color

105.0060, 62.1150, 97.3417



Protanomaly

108.4150, 67.8294, -9.1340



Deuteranomaly

112.8220, 53.8248, 2.7871



Tritanomaly

117.6810, 14.4543, 77.4558

Monochromacy



Original Color

105.0060, 62.1150, 97.3417



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.1810, 22.5888, 34.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0060, 62.1150, 97.3417 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(216, 24, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 24, 231)  
}
```

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(216, 24, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 24, 231) }
```

Border

The CSS property to change the border of an element to YUV 105.0060, 62.1150, 97.3417 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(216, 24, 231) }
```


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

```
.border{ border-color:rgb(216, 24, 231) }
```

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

Here you see how a box with a 4 pixel rgb(216, 24, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 24, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 24, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 24,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 105.0060, 62.1150, 97.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 24, 231) }
```

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

```
.background{ background-color: rgb(216, 24,  
231) }
```

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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