

Converting Colors

YUV(81.1200, 62.5518, 97.2418)

Have a look what the booklet for
YUV(81.1200, 62.5518, 97.2418)
contains.

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Color

**YUV(81.1200, 62.5518,
97.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	C000D0
RGB	192, 0, 208
RGB Percent	75%, 0%, 82%
CMY	0.2471, 1.0000, 0.1843
CMYK	0.08, 1.00, 0.00, 0.18
HSL	295°, 100%, 41%
HSV	295°, 100%, 82%
XYZ	33.1234, 15.7605, 60.9708
YIQ	81.1200, 47.6640, 105.3920

Conversions

Conversions Part 2

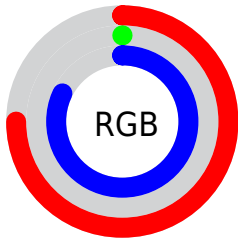
Format	Color
RYB	192, 0, 208
Decimal	12583120
CIELab	46.66, 81.78, -56.82
CIELCh	47, 99.578, 325.210
Yxy	15.7605, 0.3015, 0.1435
Android (android.graphics.Color)	4290773200 (0xFFC000D0)
YUV	81.1200, 62.5518, 97.2418
Hunter-Lab	39.6995, 79.4577, -63.2683

Details

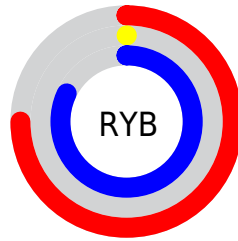
The YUV color **81.1200, 62.5518, 97.2418** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **126.8800, -62.5518, -97.2418**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8350, 47.9023, 82.5827**, and **57.2090, 47.2250, 66.4687** is the 20% darker color. If you saturate the color by 10%, you get **81.1200, 62.5518, 97.2418**, and if you desaturate by 10%, it is **94.0450, 56.1798, 87.6605**.

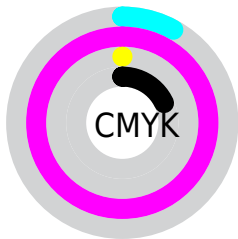
Distribution



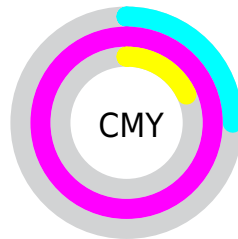
- Red (75%)
- Green (0%)
- Blue (82%)



- Red (75%)
- Yellow (0%)
- Blue (82%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)





- Cyan (25%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.1200, 62.5518, 97.2418 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 81.1200, 62.5518, 97.2418 by changing the saturation by 10% instead.


 81.1200, 62.5518,
97.2418


 81.1200, 62.5518,
97.2418

255.0000, 0.0000,
0.0000


 68.9580, 54.7437,
81.5978


 157.8350, 47.9023,
82.5827


 57.2090, 47.2250,
66.4687


 176.3420, 38.7784,
68.9831


 45.4600, 39.7062,
51.3396


 193.9520, 30.0967,
53.5391

 33.8250, 32.6243,
36.1105

 211.5620, 21.4149,
38.0951

 22.9020, 25.6843,
22.0109

 229.1720, 12.7332,
22.6512

 9.1030, 20.6552,
1.6637

 246.7820, 4.0515,

 4.4800, 12.0884,

7.2072

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 81.1200, 62.5518,
97.2418

■ 94.0450, 56.1798,
87.6605

■ 106.6710, 49.9552,
77.4645

■ 119.0090, 43.8726,
68.3981

■ 131.6350, 37.6479,
58.2021

■ 144.5600, 31.2759,
48.6209

■ 157.4850, 24.9039,
39.0397

■ 170.1110, 18.6793,
28.8437

■ 182.4490, 12.5966,
19.7772

■ 195.0750, 6.3720,
9.5812

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



81.1200, 62.5518, 97.2418



86.9500, 20.2376, 135.9789

Triad

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



81.1200, 62.5518, 97.2418



104.1150, -51.3287, 36.7331



103.9880, 37.9669, -91.1975

Complementary

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



81.1200, 62.5518, 97.2418



126.8800, -62.5518, -97.2418

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.



93.4830, 0.2549, -81.9846



81.1200, 62.5518, 97.2418



92.5000, -45.6025, -26.7485

Square

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



81.1200, 62.5518, 97.2418



93.8790, -46.2823, 98.3301



79.8320, -39.3572, -70.0127



110.6800, 68.6848, -97.0664

Rectangle

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



81.1200, 62.5518, 97.2418



82.2890, -4.0865, 144.4515



79.8320, -39.3572, -70.0127



100.7960, 25.7366, -88.3981

Sweetspot

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



81.1200, 62.5518, 97.2418



208.5940, 22.8782, 35.4361



33.6910, 85.9343, -29.5470



99.8020, 13.9016, 21.2216



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.



81.1200, 62.5518, 97.2418



99.3350, 76.7428, 118.9782



75.9860, 22.1919, 115.7763



98.2440, 3.3307, 5.0480



65.4970, 50.5340, 78.4941



16.0360, 12.3073, 19.2624

Inverse Universe

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



64.0160, -23.6719, 126.2740



78.5250, -28.8528, 154.7686



132.0140, -22.1919, -115.7763



97.4030, -1.1847, 6.6626



51.7140, -19.0860, 101.9828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 81.1200, 62.5518, 97.2418 looks on a white 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

Black Background



This preview shows how the YUV color 81.1200, 62.5518, 97.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

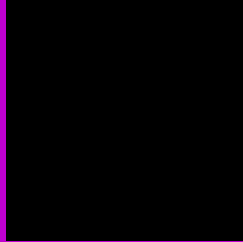
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.1200, 62.5518, 97.2418

Background



This preview shows how black text looks on a background with the YUV color 81.1200, 62.5518, 97.2418.



This preview shows how white text looks on a background with the YUV color 81.1200, 62.5518,

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

90.0890, 68.4831, -79.0081

Deuteranopia

102.7170, 45.9885, -50.6178

Tritanopia

111.2740, -11.9671, 58.5187

Trichromacy



Protanomaly

86.6270, 66.2459, -14.5819

Deuteranomaly

94.9530, 51.7882, 2.6722

Tritanomaly

100.1750, 15.1967, 72.6375

Monochromacy



Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1810, 22.5888, 34.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1200, 62.5518, 97.2418 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(192, 0, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 208)  
}
```

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(192, 0, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 208) }
```

Border

The CSS property to change the border of an element to YUV 81.1200, 62.5518, 97.2418 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(192, 0, 208) }
```

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

```
.border{ border-color:rgb(192, 0, 208) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
208) }
```


Background

The CSS property to change the background color of an element to YUV 81.1200, 62.5518, 97.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 208) }
```

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

```
.background{ background-color: rgb(192, 0,  
208) }
```

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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