

Converting Colors

YUV(97.2120, 19.1225, 73.4821)

Have a look what the booklet for
YUV(97.2120, 19.1225, 73.4821)
contains.

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Color

**YUV(97.2120, 19.1225,
73.4821)**

Conversions

Conversions Part 1

Format	Color
Hex	B52F88
RGB	181, 47, 136
RGB Percent	71%, 18%, 53%
CMY	0.2902, 0.8157, 0.4667
CMYK	0.00, 0.74, 0.25, 0.29
HSL	320°, 59%, 45%
HSV	320°, 74%, 71%
XYZ	24.5165, 13.6344, 24.6321
YIQ	97.2120, 51.2950, 56.0870

Conversions

Conversions Part 2

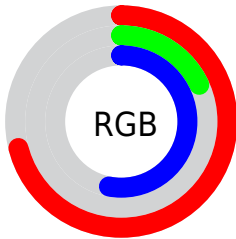
Format	Color
R _Y B	181, 47, 136
Decimal	11874184
CIE Lab	43.70, 60.94, -18.93
CIE LCh	44, 63.808, 342.745
Yxy	13.6344, 0.3905, 0.2172
Android (android.graphics.Color)	4290064264 (0xFFB52F88)
YUV	97.2120, 19.1225, 73.4821
Hunter-Lab	36.9247, 53.8984, -13.7044

Details

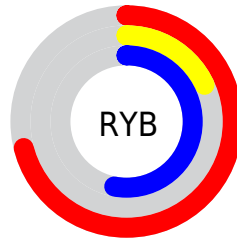
The YUV color **97.2120, 19.1225, 73.4821** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **130.7880, -19.1225, -73.4821**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9410, 16.7911, 74.5967**, and **46.8800, 19.2862, 67.6342** is the 20% darker color. If you saturate the color by 10%, you get **85.9620, 21.7107, 83.3483**, and if you desaturate by 10%, it is **108.4620, 16.5342, 63.6158**.

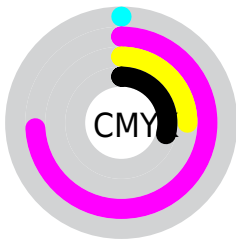
Distribution



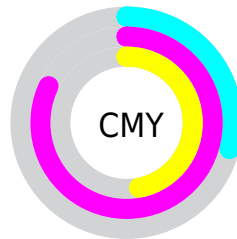
- Red (71%)
- Green (18%)
- Blue (53%)



- Red (71%)
- Yellow (18%)
- Blue (53%)



- Cyan (0%)
- Magenta (74%)
- Yellow (25%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2120, 19.1225, 73.4821 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 97.2120, 19.1225, 73.4821 by changing the saturation by 10% instead.

■ 97.2120, 19.1225,
73.4821

■ 97.2120, 19.1225,
73.4821

■ 255.0000, 0.0000,
0.0000

■ 59.2760, 25.4999,
81.3189

■ 154.9410, 16.7911,
74.5967

■ 46.8800, 19.2862,
67.6342

■ 179.0540, 18.7074,
66.6046

■ 35.8860, 13.3672,
52.7200

■ 199.3830, 22.9822,
48.7761

■ 25.3050, 7.7376,
38.3205

■ 216.8450, 18.8104,
33.4619

■ 15.0230, 1.9607,
24.5358

■ 233.8680, 10.4181,
18.5328

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,

3.0888

■ 97.2120, 19.1225,
73.4821

■ 97.2120, 19.1225,
73.4821

■ 85.9620, 21.7107,
83.3483

■ 108.4620, 16.5342,
63.6158

■ 74.7120, 24.2990,
93.2146

■ 119.7120, 13.9460,
53.7496

■ 67.7990, 25.7351,
99.2773

■ 130.9620, 11.3577,
43.8833

■ 142.2120, 8.7695,
34.0171

■ 154.0490, 5.8918,
23.6360

■ 165.2990, 3.3036,
13.7698

■ 176.6630, 1.1521,
3.8035

■ 187.9130, -1.4361,
-6.0627

■ 199.1630, -4.0244,
-15.9290

Harmonies

Analogous

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



105.4150, 37.7564, 23.3150



97.2120, 19.1225, 73.4821



90.0730, -3.4870, 92.0210

Triad

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



97.2120, 19.1225, 73.4821



94.7910, -46.7320, 8.9533



93.3250, 40.2658, -81.8460

Complementary

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



97.2120, 19.1225, 73.4821



130.7880, -19.1225, -73.4821

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.



88.2120, 18.1365, -77.3619



97.2120, 19.1225, 73.4821



82.1980, -37.5656, -37.8846

Square

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



97.2120, 19.1225, 73.4821



97.0930, -47.8668, 46.3994



80.7680, -5.3086, -70.8335



92.6360, 55.3955, -81.2418

Rectangle

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



97.2120, 19.1225, 73.4821



93.2080, -21.7945, 84.0096



80.7680, -5.3086, -70.8335



92.2020, 33.4244, -80.8612

Sweetspot

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



97.2120, 19.1225, 73.4821



202.4240, 7.1860, 28.5692



75.7310, 51.8976, 14.2679



98.2500, 4.3137, 16.4438



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.2120, 19.1225, 73.4821



104.2230, 29.4701, 114.6914



89.5740, -10.1430, 80.1806



83.3750, 1.2941, 4.9331



57.3750, 22.0001, 83.8631



9.7120, 3.5930, 14.2846

Inverse Universe

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



97.2120, 19.1225, 73.4821



104.2230, 29.4701, 114.6914



138.4260, 10.1430, -80.1806



83.3750, 1.2941, 4.9331



57.3750, 22.0001, 83.8631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 97.2120, 19.1225, 73.4821 looks on a white background.

Color Contrast Check

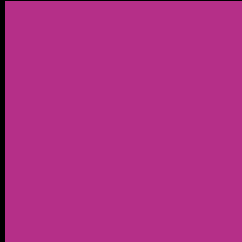
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.2120, 19.1225, 73.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

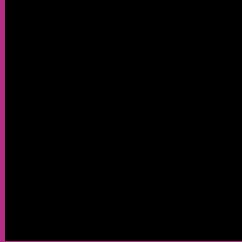
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2120, 19.1225, 73.4821

Background



This preview shows how black text looks on a background with the YUV color 97.2120, 19.1225, 73.4821.



This preview shows how white text looks on a background with the YUV color 97.2120, 19.1225,

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

97.2120, 19.1225, 73.4821

Protanopia

101.3950, 37.7663, -26.6564

Deuteranopia

105.0780, 11.7935, -2.6994



Tritanopia

100.0470, -14.3202, 66.6108

Trichromacy



Original Color

97.2120, 19.1225, 73.4821

Protanomaly

99.9050, 31.1058, 9.7303

Deuteranomaly

102.3510, 14.6170, 25.1252

Tritanomaly

99.2720, -2.1061, 69.0445

Monochromacy



Original Color

97.2120, 19.1225, 73.4821

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2990, 6.7546, 26.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2120, 19.1225, 73.4821 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(181, 47, 136)` looks like.

```
.text, #text, p{  
    color:rgb(181, 47, 136)  
}
```

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(181, 47, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 47, 136) }
```

Border

The CSS property to change the border of an element to YUV 97.2120, 19.1225, 73.4821 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(181, 47, 136) }
```


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

```
.border{ border-color:rgb(181, 47, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 47, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 47, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 47, 136);  
box-shadow:4px 4px 4px 4px rgb(181, 47,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 97.2120, 19.1225, 73.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 47, 136) }
```

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

```
.background{ background-color: rgb(181, 47,  
136) }
```

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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