

Converting Colors

YUV(73.8200, 23.7527, 81.7189)

Have a look what the booklet for
YUV(73.8200, 23.7527, 81.7189)
contains.

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Color

**YUV(73.8200, 23.7527,
81.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	A7117A
RGB	167, 17, 122
RGB Percent	65%, 7%, 48%
CMY	0.3451, 0.9333, 0.5216
CMYK	0.00, 0.90, 0.27, 0.35
HSL	318°, 82%, 36%
HSV	318°, 90%, 65%
XYZ	19.6497, 10.0215, 19.3110
YIQ	73.8200, 55.6950, 64.4550

Conversions

Conversions Part 2

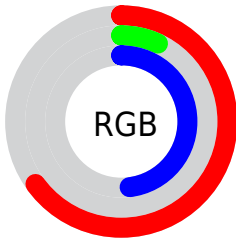
Format	Color
RYB	167, 17, 122
Decimal	10948986
CIELab	37.88, 63.40, -19.47
CIELCh	38, 66.325, 342.929
Yxy	10.0215, 0.4012, 0.2046
Android (android.graphics.Color)	4289139066 (0xFFA7117A)
YUV	73.8200, 23.7527, 81.7189
Hunter-Lab	31.6568, 55.3971, -14.0079

Details

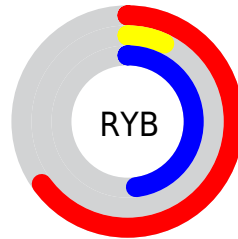
The YUV color **73.8200, 23.7527, 81.7189** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **110.1800, -23.7527, -81.7189**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0060, 18.2380, 77.1707**, and **41.2120, 15.6715, 60.3271** is the 20% darker color. If you saturate the color by 10%, you get **63.2710, 26.4884, 90.9703**, and if you desaturate by 10%, it is **84.3690, 21.0171, 72.4674**.

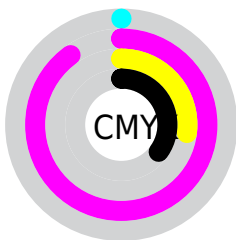
Distribution



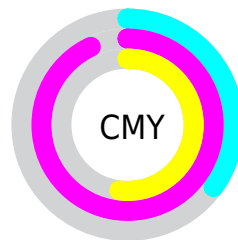
- Red (65%)
- Green (7%)
- Blue (48%)



- Red (65%)
- Yellow (7%)
- Blue (48%)



- Cyan (0%)
- Magenta (90%)
- Yellow (27%)
- Black (35%)





- Cyan (35%)
- Magenta (93%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.8200, 23.7527, 81.7189 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 73.8200, 23.7527, 81.7189 by changing the saturation by 10% instead.


 73.8200, 23.7527,
81.7189


 73.8200, 23.7527,
81.7189


255.0000, 0.0000,
0.0000


 52.3200, 22.0272,
75.1414

 138.0060, 18.2380,
77.1707


 41.2120, 15.6715,
60.3271


 166.1910, 17.6538,
77.8855


 30.2180, 9.7525,
45.4128

 185.8190, 21.7812,
60.6717

 20.3490, 4.2649,
32.1429

 205.6920, 24.3088,
43.2431

 6.9910, -2.9536,
14.0399

 222.7150, 15.9165,
28.3139

 0.0000, 0.0000,
0.0000

 239.7380, 7.5242,

13.3848

■ 73.8200, 23.7527,
81.7189

■ 73.8200, 23.7527,
81.7189

■ 63.2710, 26.4884,
90.9703

■ 84.3690, 21.0171,
72.4674

■ 94.3310, 18.5708,
63.7307

■ 104.8800, 15.8352,
54.4792

■ 115.4290, 13.0995,
45.2278

■ 125.3910, 10.6532,
36.4911

■ 135.9400, 7.9176,
27.2396

■ 146.4890, 5.1819,
17.9881

■ 157.0380, 2.4463,
8.7367

■ 167.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.3550, 38.7720, 24.2447



73.8200, 23.7527, 81.7189



61.6860, 3.6058, 103.7614

Triad

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



73.8200, 23.7527, 81.7189



81.7890, -40.3220, 6.3240



83.0380, 38.9283, -72.8243

Complementary

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



73.8200, 23.7527, 81.7189



110.1800, -23.7527, -81.7189

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.



77.9250, 16.7990, -68.3402



73.8200, 23.7527, 81.7189



62.8310, -30.9757, -51.5948

Square

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



73.8200, 23.7527, 81.7189



84.0910, -41.4569, 43.7702



70.8400, -7.8091, -62.1267



83.0500, 54.2054, -72.8349

Rectangle

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



73.8200, 23.7527, 81.7189



73.5120, -19.4794, 88.1280



70.8400, -7.8091, -62.1267



81.9150, 32.0869, -71.8395

Sweetspot

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



73.8200, 23.7527, 81.7189



180.3150, 9.2117, 32.1727



47.5550, 58.8864, 12.6683



88.2010, 5.3239, 19.1177



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



73.8200, 23.7527, 81.7189



82.2110, 34.4060, 118.2100



65.2700, -9.0071, 89.2172



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893



7.5760, 3.1670, 10.8958

Inverse Universe

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



73.8200, 23.7527, 81.7189



82.2110, 34.4060, 118.2100



118.7300, 9.0071, -89.2172



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 73.8200, 23.7527, 81.7189 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 73.8200, 23.7527, 81.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

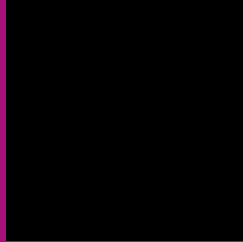
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8200, 23.7527, 81.7189

Background



This preview shows how black text looks on a background with the YUV color 73.8200, 23.7527, 81.7189.



This preview shows how white text looks on a background with the YUV color 73.8200, 23.7527,

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

73.8200, 23.7527, 81.7189

Protanopia

84.9040, 42.4453, -34.1188

Deuteranopia

91.5510, 11.0674, -3.1142



Tritanopia

83.7160, -15.6360, 68.6551

Trichromacy



Original Color

73.8200, 23.7527, 81.7189

Protanomaly

80.7460, 35.6212, 8.1158

Deuteranomaly

85.3020, 15.6271, 27.7991

Tritanomaly

80.1200, -1.5382, 73.5628

Monochromacy



Original Color

73.8200, 23.7527, 81.7189

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7770, 8.4909, 30.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8200, 23.7527, 81.7189 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(167, 17, 122)` looks like.

```
.text, #text, p{  
    color:rgb(167, 17, 122)  
}
```

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(167, 17, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 17, 122) }
```

Border

The CSS property to change the border of an element to YUV 73.8200, 23.7527, 81.7189 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(167, 17, 122) }
```


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

```
.border{ border-color:rgb(167, 17, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 17, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 17, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 17, 122);  
box-shadow:4px 4px 4px 4px rgb(167, 17,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 73.8200, 23.7527, 81.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 17, 122) }
```

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

```
.background{ background-color: rgb(167, 17,  
122) }
```

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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