

Converting Colors

YUV(98.0730, 23.6280,
121.8390)

Have a look what the booklet for
YUV(98.0730, 23.6280, 121.8390)
contains.

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Color

**YUV(98.0730, 23.6280,
121.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	ED1292
RGB	237, 18, 146
RGB Percent	93%, 7%, 57%
CMY	0.0706, 0.9294, 0.4275
CMYK	0.00, 0.92, 0.38, 0.07
HSL	325°, 86%, 50%
HSV	325°, 92%, 93%
XYZ	40.3297, 20.5125, 29.0278
YIQ	98.0730, 89.4360, 86.2360

Conversions

Conversions Part 2

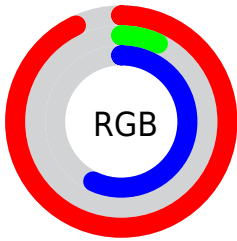
Format	Color
R _Y B	237, 18, 146
Decimal	15536786
CIE Lab	52.41, 80.84, -10.77
CIE LCh	52, 81.557, 352.412
Yxy	20.5125, 0.4488, 0.2282
Android (android.graphics.Color)	4293726866 (0xFFED1292)
YUV	98.0730, 23.6280, 121.8390
Hunter-Lab	45.2907, 79.6889, -6.2968

Details

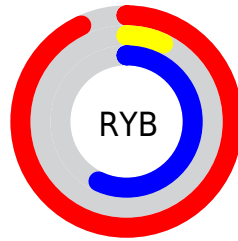
The YUV color **98.0730, 23.6280, 121.8390** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **156.9270, -23.6280, -121.8390**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3320, 20.5423, 84.7778**, and **63.2690, 16.1364, 97.9881** is the 20% darker color. If you saturate the color by 10%, you get **86.7090, 25.7795, 131.8052**, and if you desaturate by 10%, it is **113.3010, 21.0506, 108.4840**.

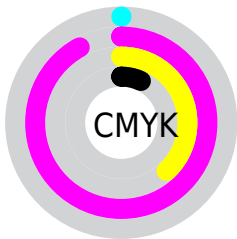
Distribution



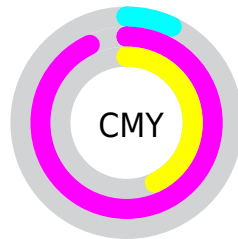
- Red (93%)
- Green (7%)
- Blue (57%)



- Red (93%)
- Yellow (7%)
- Blue (57%)



- Cyan (0%)
- Magenta (92%)
- Yellow (38%)
- Black (7%)





- Cyan (7%)
- Magenta (93%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.0730, 23.6280, 121.8390 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 98.0730, 23.6280, 121.8390 by changing the saturation by 10% instead.


 98.0730, 23.6280,
121.8390


 98.0730, 23.6280,
121.8390


255.0000, 0.0000,
0.0000


 75.2740, 22.0499,
114.6467


 158.3320, 20.5423,
84.7778


 63.2690, 16.1364,
97.9881


 179.7210, 23.8015,
66.0197


 51.5630, 10.0754,
81.9442


 200.4090, 26.9134,
47.8763

 39.9710, 4.4513,
65.8004

 218.0190, 18.2316,
32.4323

 29.0200, -0.0099,
49.9715

 236.2160, 9.2605,
16.4736

 16.9720, -7.3812,
34.2276

253.8260, 0.5788,

 3.8870, -1.9163,

1.0296

7.9921

■ 0.0000, 0.0000,
0.0000

■ 98.0730, 23.6280,
121.8390

■ 98.0730, 23.6280,
121.8390

■ 86.7090, 25.7795,
131.8052

■ 113.3010, 21.0506,
108.4840

■ 127.9420, 18.7626,
95.6439

■ 143.1700, 16.1852,
82.2889

■ 158.2840, 13.1710,
69.0339

■ 172.9250, 10.8830,
56.1938

■ 188.1530, 8.3056,
42.8388

■ 203.3810, 5.7282,
29.4839

■ 218.6090, 3.1508,
16.1289

■ 233.2500, 0.8628,
3.2888

Harmonies

Analogous

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



124.1170, 43.3263, 56.9024



98.0730, 23.6280, 121.8390



99.9200, -11.2996, 124.6042

Triad

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



98.0730, 23.6280, 121.8390



110.9170, -54.6821, -7.8202



115.5410, 59.3863, -101.3295

Complementary

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



98.0730, 23.6280, 121.8390



156.9270, -23.6280, -121.8390

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.



111.1630, 32.4576, -97.4900



98.0730, 23.6280, 121.8390



89.6120, -32.3467, -78.5897

Square

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



98.0730, 23.6280, 121.8390



118.0250, -58.1863, 42.9511



101.6670, 1.1502, -89.1620



110.6630, 71.1581, -97.0515

Rectangle

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



98.0730, 23.6280, 121.8390



110.6220, -39.7466, 102.0635



101.6670, 1.1502, -89.1620



114.7770, 51.3819, -100.6594

Sweetspot

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



98.0730, 23.6280, 121.8390



209.9030, 7.4428, 39.5501



69.2780, 82.6869, 32.2052



100.0060, 4.4340, 24.5507



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.



98.0730, 23.6280, 121.8390



93.2310, 27.4941, 141.8714



85.9890, -22.6726, 132.4366



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Inverse Universe

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



98.0730, 23.6280, 121.8390



93.2310, 27.4941, 141.8714



169.0110, 22.6726, -132.4366



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 98.0730, 23.6280, 121.8390 looks on a white background.

Color Contrast Check

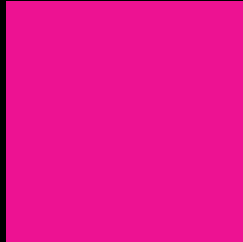
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0730, 23.6280, 121.8390 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 98.0730, 23.6280, 121.8390

Background



This preview shows how black text looks on a background with the YUV color 98.0730, 23.6280, 121.8390.



This preview shows how white text looks on a background with the YUV color 98.0730, 23.6280,

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

98.0730, 23.6280, 121.8390

Protanopia

123.4210, 41.6974, -27.5562

Deuteranopia

127.1840, 4.3463, 5.9776



Tritanopia

110.9550, -24.6278, 106.1565

Trichromacy



Original Color

98.0730, 23.6280, 121.8390



Protanomaly

114.3400, 34.8354, 26.8888



Deuteranomaly

116.3970, 11.6363, 47.8868



Tritanomaly

106.2820, -7.0410, 112.0087

Monochromacy



Original Color

98.0730, 23.6280, 121.8390



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.1640, 8.3001, 44.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0730, 23.6280, 121.8390 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(237, 18, 146)` looks like.

```
.text, #text, p{  
    color:rgb(237, 18, 146)  
}
```

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(237, 18, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 18, 146) }
```

Border

The CSS property to change the border of an element to YUV 98.0730, 23.6280, 121.8390 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(237, 18, 146) }
```


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

```
.border{ border-color:rgb(237, 18, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 18, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 18, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 18, 146);  
box-shadow:4px 4px 4px 4px rgb(237, 18,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 98.0730, 23.6280, 121.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 18, 146) }
```

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

```
.background{ background-color: rgb(237, 18,  
146) }
```

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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