

Converting Colors

YUV(97.6190, 12.0198,
111.7131)

Have a look what the booklet for
YUV(97.6190, 12.0198, 111.7131)
contains.

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Color

**YUV(97.6190, 12.0198,
111.7131)**

Conversions

Conversions Part 1

Format	Color
Hex	E11C7A
RGB	225, 28, 122
RGB Percent	88%, 11%, 48%
CMY	0.1176, 0.8902, 0.5216
CMYK	0.00, 0.88, 0.46, 0.12
HSL	331°, 78%, 50%
HSV	331°, 88%, 88%
XYZ	34.9794, 18.2432, 20.0900
YIQ	97.6190, 87.2380, 70.9980

Conversions

Conversions Part 2

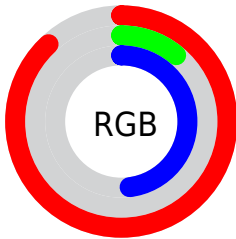
Format	Color
R_{YB}	225, 28, 122
Decimal	14752890
CIE Lab	49.79, 74.74, -0.43
CIE LCh	50, 74.737, 359.671
Yxy	18.2432, 0.4771, 0.2488
Android (android.graphics.Color)	4292942970 (0xFFE11C7A)
YUV	97.6190, 12.0198, 111.7131
Hunter-Lab	42.7121, 71.4382, 2.0108

Details

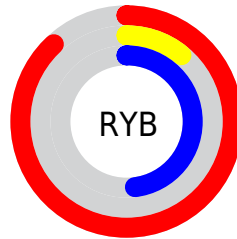
The YUV color **97.6190, 12.0198, 111.7131** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **155.3810, -12.0198, -111.7131**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3680, 9.1856, 87.3773**, and **57.1730, 8.2957, 92.8103** is the 20% darker color. If you saturate the color by 10%, you get **82.7500, 13.4343, 124.7532**, and if you desaturate by 10%, it is **112.4880, 10.6054, 98.6730**.

Distribution



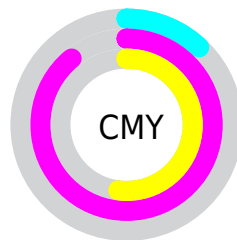
- Red (88%)
- Green (11%)
- Blue (48%)



- Red (88%)
- Yellow (11%)
- Blue (48%)



- Cyan (0%)
- Magenta (88%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.6190, 12.0198, 111.7131 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 97.6190, 12.0198, 111.7131 by changing the saturation by 10% instead.


 97.6190, 12.0198,
111.7131


 97.6190, 12.0198,
111.7131


255.0000, 0.0000,
0.0000


 69.0640, 13.7724,
109.5689


 155.3680, 9.1856,
87.3773


 57.1730, 8.2957,
92.8103


 176.1700, 12.7342,
69.1339

 45.5810, 2.6716,
76.6665


 196.9720, 16.2828,
50.8906

 34.3310, -1.6422,
60.2227

 217.4320, 18.5210,
32.9471

 23.1800, -9.4557,
46.3231

 235.0420, 9.8393,
17.5032

 12.9710, -5.9017,
26.3354

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 97.6190, 12.0198,
111.7131

■ 97.6190, 12.0198,
111.7131

■ 82.7500, 13.4343,
124.7532

■ 112.4880, 10.6054,
98.6730

■ 79.4730, 13.5708,
127.6272

■ 126.7700, 9.4804,
86.1477

■ 140.9380, 7.9186,
73.7224

■ 155.8070, 6.5041,
60.6823

■ 170.0890, 5.3791,
48.1569

■ 184.9580, 3.9647,
35.1168

■ 199.7130, 2.1135,
22.1767

■ 213.9950, 0.9885,
9.6514

■ 228.8640, -0.4260,
-3.3887

Harmonies

Analogous

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



115.9520, 33.5477, 66.6941



97.6190, 12.0198, 111.7131



103.1550, -21.2754, 104.2271

Triad

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



97.6190, 12.0198, 111.7131



101.7030, -50.1396, -18.1565



108.7590, 58.7858, -95.3816

Complementary

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



97.6190, 12.0198, 111.7131



155.3810, -12.0198, -111.7131

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.



105.6350, 36.6619, -92.6419



97.6190, 12.0198, 111.7131



88.2390, -19.8378, -77.3856

Square

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



97.6190, 12.0198, 111.7131



111.1480, -54.7960, 28.8112



98.3390, 8.7069, -86.2433



102.7070, 71.1364, -90.0740

Rectangle

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



97.6190, 12.0198, 111.7131



107.9760, -46.8232, 85.0900



98.3390, 8.7069, -86.2433



108.4510, 52.5287, -95.1115

Sweetspot

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



97.6190, 12.0198, 111.7131



212.2680, 3.8119, 37.4760



80.9560, 71.0137, 43.0116



102.1260, 2.4029, 22.6915



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.



97.6190, 12.0198, 111.7131



90.1530, 15.7006, 144.5708



88.6640, -29.9074, 119.5667



104.8590, 0.5625, 6.2627



62.2000, 10.7474, 99.8026



16.9740, 2.9708, 27.2098

Inverse Universe

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



97.6190, 12.0198, 111.7131



90.1530, 15.7006, 144.5708



164.3360, 29.9074, -119.5667



104.8590, 0.5625, 6.2627



62.2000, 10.7474, 99.8026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 97.6190, 12.0198, 111.7131 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 97.6190, 12.0198, 111.7131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

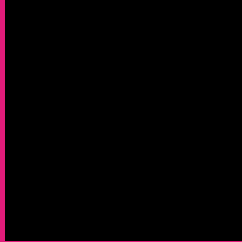
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 97.6190, 12.0198, 111.7131

Background



This preview shows how black text looks on a background with the YUV color 97.6190, 12.0198, 111.7131.



This preview shows how white text looks on a background with the YUV color 97.6190, 12.0198,

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

97.6190, 12.0198, 111.7131

Protanopia

119.3720, 25.9456, -15.2352

Deuteranopia

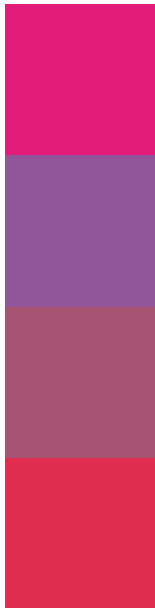
120.1540, -3.5269, 11.2659



Tritanopia

104.0470, -24.1802, 102.5678

Trichromacy



Original Color

97.6190, 12.0198, 111.7131

Protanomaly

111.4040, 20.9998, 31.2177

Deuteranomaly

111.5790, 2.1796, 47.7272

Tritanomaly

101.7990, -11.2399, 105.4163

Monochromacy



Original Color

97.6190, 12.0198, 111.7131

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1050, 4.3852, 40.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6190, 12.0198, 111.7131 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(225, 28, 122)` looks like.

```
.text, #text, p{  
  color:rgb(225, 28, 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(225, 28, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 28, 122) }
```

Border

The CSS property to change the border of an element to YUV 97.6190, 12.0198, 111.7131 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(225, 28, 122) }
```


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

```
.border{ border-color:rgb(225, 28, 122) }
```

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

Here you see how a box with a 4 pixel rgb(225, 28, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 28, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 28, 122);  
box-shadow:4px 4px 4px 4px rgb(225, 28,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 97.6190, 12.0198, 111.7131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 28, 122) }
```

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

```
.background{ background-color: rgb(225, 28,  
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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