

# Converting Colors

YUV(78.1200, 12.2658,  
126.1828)

Have a look what the booklet for  
YUV(78.1200, 12.2658, 126.1828)  
contains.

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# Color

**YUV(78.1200, 12.2658,  
126.1828)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE0067
RGB	222, 0, 103
RGB Percent	87%, 0%, 40%
CMY	0.1294, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.54, 0.13
HSL	332°, 100%, 44%
HSV	332°, 100%, 87%
XYZ	32.5724, 16.5089, 14.3017
YIQ	78.1200, 99.2490, 79.0970

# Conversions

## Conversions Part 2

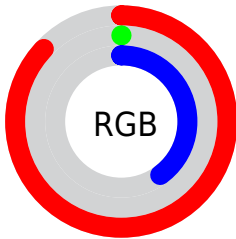
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 0, 103
Decimal	14549095
CIE <sub>Lab</sub>	47.64, 75.61, 8.05
CIE <sub>LCh</sub>	48, 76.035, 6.078
Yxy	16.5089, 0.5139, 0.2605
Android (android.graphics.Color)	4292739175 (0xFFDE0067)
YUV	78.1200, 12.2658, 126.1828
Hunter-Lab	40.6311, 71.9921, 7.5723

# Details

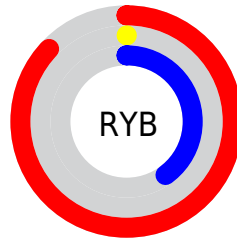
The YUV color **78.1200, 12.2658, 126.1828** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **143.8800, -12.2658, -126.1828**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8050, 3.0541, 94.0100**, and **54.3380, 1.3124, 92.6656** is the 20% darker color. If you saturate the color by 10%, you get **78.1200, 12.2658, 126.1828**, and if you desaturate by 10%, it is **92.4020, 11.1408, 113.6574**.

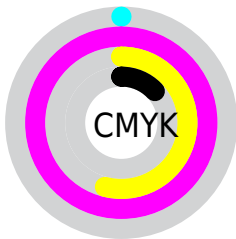
# Distribution



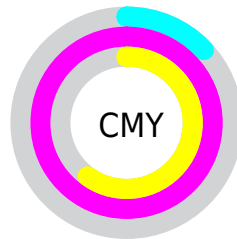
- Red (87%)
- Green (0%)
- Blue (40%)



- Red (87%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (13%)




- Cyan (13%)
- Magenta (100%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 78.1200, 12.2658, 126.1828 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 78.1200, 12.2658, 126.1828 by changing the saturation by 10% instead.



 78.1200, 12.2658,  
126.1828

 78.1200, 12.2658,  
126.1828


255.0000, 0.0000,  
0.0000


 66.1150, 6.3523,  
109.5241


 147.8050, 3.0541,  
94.0100


 54.3380, 1.3124,  
92.6656


 168.3790, 5.7292,  
75.9666


 42.6750, -3.2908,  
75.7070


 189.1810, 9.2778,  
57.7233

 30.8980, -8.3307,  
58.8485

 209.9830, 12.8264,  
39.4799

 20.9730, -8.8607,  
42.1197

 229.7590, 12.4438,  
22.1364

 10.8780, -4.8699,  
22.0320

 247.3690, 3.7621,

 0.0000, 0.0000,

■ 78.1200, 12.2658,  
126.1828

■ 92.4020, 11.1408,  
113.6574

■ 106.6840, 10.0158,  
101.1321

■ 121.5530, 8.6014,  
88.0920

■ 135.8350, 7.4763,  
75.5667

■ 150.0030, 5.9145,  
63.1414

■ 164.2850, 4.7895,  
50.6161

■ 178.5670, 3.6645,  
38.0907

■ 193.4360, 2.2501,  
25.0506

■ 207.7180, 1.1250,  
12.5253

# Harmonies

## Analogous

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



104.2420, 30.4467, 81.3488



78.1200, 12.2658, 126.1828



97.4120, -27.8111, 100.4937

# Triad

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



78.1200, 12.2658, 126.1828



91.8690, -45.2914, -33.2111



104.4050, 62.4113, -91.5632

# Complementary

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



78.1200, 12.2658, 126.1828



143.8800, -12.2658, -126.1828

# 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.



103.0250, 41.8927, -90.3529



78.1200, 12.2658, 126.1828



86.9170, -14.7491, -76.2262

# Square

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



78.1200, 12.2658, 126.1828



105.1790, -51.8532, 18.2600



96.4300, 14.0850, -84.5691



96.8540, 71.5570, -84.9410



# Rectangle

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



78.1200, 12.2658, 126.1828



102.8950, -50.7272, 77.2681



96.4300, 14.0850, -84.5691



104.9120, 56.7384, -92.0078

# Sweetspot

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



78.1200, 12.2658, 126.1828



205.7140, 4.0850, 43.2238



60.5900, 79.5751, 50.3486



98.1480, 2.3920, 26.1802



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.



78.1200, 12.2658, 126.1828



89.6970, 13.9534, 144.9707



70.4870, -34.7501, 132.8769



104.8590, 0.5625, 6.2627



61.9720, 9.8738, 100.0026



16.8600, 2.5340, 27.3098



# Inverse Universe

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



78.1200, 12.2658, 126.1828



89.6970, 13.9534, 144.9707



151.5130, 34.7501, -132.8769



104.8590, 0.5625, 6.2627



61.9720, 9.8738, 100.0026



16.8600, 2.5340, 27.3098



# Previews

## White Background



This preview shows how the YUV color 78.1200, 12.2658, 126.1828 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

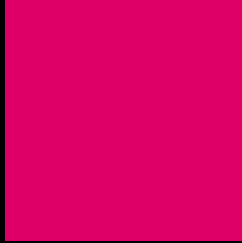
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 78.1200, 12.2658, 126.1828 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 78.1200, 12.2658, 126.1828

## Background



This preview shows how black text looks on a background with the YUV color 78.1200, 12.2658, 126.1828.



This preview shows how white text looks on a background with the YUV color 78.1200, 12.2658,



# 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

78.1200, 12.2658, 126.1828

### Protanopia

115.5980, 16.4672, -8.4174

### Deuteranopia

115.0530, -10.3791, 15.7395



## Tritanopia

94.1080, -26.6752, 109.5303

# Trichromacy



## Original Color

78.1200, 12.2658, 126.1828



## Protanomaly

102.1510, 14.7156, 40.2096



## Deuteranomaly

101.4830, -2.2101, 55.7044



## Tritanomaly

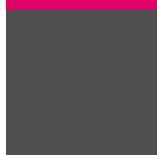
88.2240, -12.4354, 115.5676

# Monochromacy



## Original Color

78.1200, 12.2658, 126.1828



## Achromatopsia

78.0000, 0.0000, 0.0000



## Achromatomaly

78.1380, 4.3690, 45.4830

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 78.1200, 12.2658, 126.1828 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(222, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 103)  
}
```

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(222, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 103) }
```

## Border

The CSS property to change the border of an element to YUV 78.1200, 12.2658, 126.1828 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(222, 0, 103) }
```



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

```
.border{ border-color:rgb(222, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 78.1200, 12.2658, 126.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 103) }
```

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

```
.background{ background-color: rgb(222, 0,  
103) }
```

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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