

Converting Colors

YUV(76.8330, 24.2393,
112.4025)

Have a look what the booklet for
YUV(76.8330, 24.2393, 112.4025)
contains.

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Color

**YUV(76.8330, 24.2393,
112.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	CD027E
RGB	205, 2, 126
RGB Percent	80%, 1%, 49%
CMY	0.1961, 0.9922, 0.5059
CMYK	0.00, 0.99, 0.39, 0.20
HSL	323°, 98%, 41%
HSV	323°, 99%, 80%
XYZ	28.9644, 14.5289, 21.0164
YIQ	76.8330, 81.1840, 81.6000

Conversions

Conversions Part 2

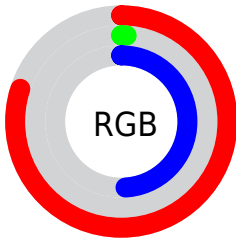
Format	Color
R_{YB}	205, 2, 126
Decimal	13435518
CIE _{Lab}	44.98, 73.62, -10.44
CIE _{LCh}	45, 74.352, 351.927
Yxy	14.5289, 0.4490, 0.2252
Android (android.graphics.Color)	4291625598 (0xFFCD027E)
YUV	76.8330, 24.2393, 112.4025
Hunter-Lab	38.1168, 68.9353, -6.0089

Details

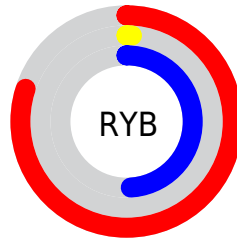
The YUV color **76.8330, 24.2393, 112.4025** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **130.1670, -24.2393, -112.4025**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8940, 14.8423, 93.0550**, and **52.1330, 12.2594, 81.4444** is the 20% darker color. If you saturate the color by 10%, you get **75.5450, 24.3813, 113.5320**, and if you desaturate by 10%, it is **89.4850, 21.9459, 101.3067**.

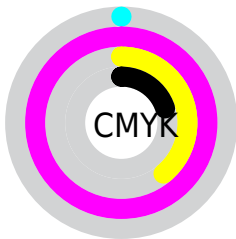
Distribution



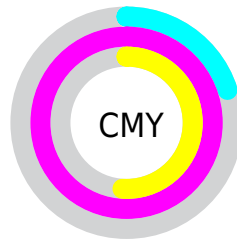
- Red (80%)
- Green (1%)
- Blue (49%)



- Red (80%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (99%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.8330, 24.2393, 112.4025 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 76.8330, 24.2393, 112.4025 by changing the saturation by 10% instead.


 76.8330, 24.2393,
112.4025


 76.8330, 24.2393,
112.4025


255.0000, 0.0000,
0.0000


 63.8390, 18.3204,
97.4882

 148.8940, 14.8423,
93.0550


 52.1330, 12.2594,
81.4444


 170.1690, 17.6647,
74.3968


 40.5410, 6.6353,
65.3005


 190.3840, 21.5027,
56.6682

 29.4760, 1.7373,
49.5715

 210.3880, 21.9937,
39.1247

 18.1400, -5.4920,
34.9572

 227.9980, 13.3120,
23.6808

 5.9800, -2.9481,
12.2955

 245.6080, 4.6303,

 0.0000, 0.0000,

8.2368

0.0000

■ 76.8330, 24.2393,
112.4025

■ 76.8330, 24.2393,
112.4025

■ 75.5450, 24.3813,
113.5320

■ 89.4850, 21.9459,
101.3067

■ 102.7240, 19.3631,
89.6961

■ 115.3760, 17.0696,
78.6002

■ 128.6150, 14.4868,
66.9896

■ 141.8540, 11.9040,
55.3790

■ 154.5060, 9.6105,
44.2832

■ 167.7450, 7.0277,
32.6726

■ 180.3970, 4.7343,
21.5768

■ 193.6360, 2.1515,
9.9662

Harmonies

Analogous

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



105.8080, 38.5487, 49.2804



76.8330, 24.2393, 112.4025



80.7660, -7.7726, 113.3382

Triad

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



76.8330, 24.2393, 112.4025



94.3930, -46.5357, -7.3607



99.5660, 51.4860, -87.3194

Complementary

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



76.8330, 24.2393, 112.4025



130.1670, -24.2393, -112.4025

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.



94.6980, 27.7569, -83.0501



76.8330, 24.2393, 112.4025



76.0310, -31.0743, -66.6792

Square

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



76.8330, 24.2393, 112.4025



100.5820, -49.5869, 38.0776



86.8150, 0.0912, -76.1368



96.7740, 66.1734, -84.8708

Rectangle

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



76.8330, 24.2393, 112.4025



92.6360, -34.3305, 91.5272



86.8150, 0.0912, -76.1368



98.4430, 44.6446, -86.3345

Sweetspot

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



76.8330, 24.2393, 112.4025



206.9680, 8.8898, 42.1241



48.4640, 77.1722, 27.6571



98.9460, 5.4496, 25.4804



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.



76.8330, 24.2393, 112.4025



94.0290, 30.5517, 141.1716



65.4330, -19.4405, 122.4003



95.6740, 1.1467, 5.5479



61.1480, 19.6470, 91.9552



13.9840, 4.4449, 21.0620

Inverse Universe

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



76.8330, 24.2393, 112.4025



94.0290, 30.5517, 141.1716



141.5670, 19.4405, -122.4003



95.6740, 1.1467, 5.5479



61.1480, 19.6470, 91.9552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 76.8330, 24.2393, 112.4025 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 76.8330, 24.2393, 112.4025 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 76.8330, 24.2393, 112.4025

Background



This preview shows how black text looks on a background with the YUV color 76.8330, 24.2393, 112.4025.



This preview shows how white text looks on a background with the YUV color 76.8330, 24.2393,

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

76.8330, 24.2393, 112.4025

Protanopia

106.1780, 36.8872, -24.7121

Deuteranopia

109.3580, 3.7675, 4.9480



Tritanopia

95.2630, -21.8217, 92.7313

Trichromacy



Original Color

76.8330, 24.2393, 112.4025



Protanomaly

95.3460, 32.3674, 25.1296



Deuteranomaly

97.8480, 10.9209, 43.9833



Tritanomaly

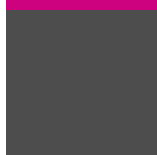
88.6610, -5.2559, 99.3983

Monochromacy



Original Color

76.8330, 24.2393, 112.4025



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

77.2560, 8.7478, 40.9945

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8330, 24.2393, 112.4025 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(205, 2, 126)` looks like.

```
.text, #text, p{  
    color:rgb(205, 2, 126)  
}
```

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(205, 2, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 2, 126) }
```

Border

The CSS property to change the border of an element to YUV 76.8330, 24.2393, 112.4025 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(205, 2, 126) }
```


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

```
.border{ border-color:rgb(205, 2, 126) }
```

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

Here you see how a box with a 4 pixel rgb(205, 2, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 2, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 2, 126);  
box-shadow:4px 4px 4px 4px rgb(205, 2,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 76.8330, 24.2393, 112.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 2, 126) }
```

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

```
.background{ background-color: rgb(205, 2,  
126) }
```

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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