

Converting Colors

YUV(126.2490, 43.2612,
77.8346)

Have a look what the booklet for
YUV(126.2490, 43.2612, 77.8346)
contains.

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Color

**YUV(126.2490, 43.2612,
77.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	D740D6
RGB	215, 64, 214
RGB Percent	84%, 25%, 84%
CMY	0.1569, 0.7490, 0.1608
CMYK	0.00, 0.70, 0.00, 0.16
HSL	300°, 65%, 55%
HSV	300°, 70%, 84%
XYZ	41.9953, 22.9689, 65.8384
YIQ	126.2490, 41.8460, 78.6620

Conversions

Conversions Part 2

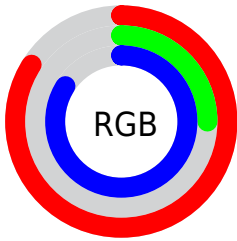
Format	Color
R _{YB}	215, 64, 214
Decimal	14106838
CIE Lab	55.04, 74.62, -46.64
CIE LCh	55, 87.993, 327.992
Yxy	22.9689, 0.3211, 0.1756
Android (android.graphics.Color)	4292296918 (0xFFD740D6)
YUV	126.2490, 43.2612, 77.8346
Hunter-Lab	47.9259, 72.5413, -47.9017

Details

The YUV color **126.2490, 43.2612, 77.8346** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **152.7510, -43.2612, -77.8346**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6900, 37.6208, 66.9239**, and **64.7700, 46.4554, 80.0087** is the 20% darker color. If you saturate the color by 10%, you get **113.3350, 49.6278, 89.1602**, and if you desaturate by 10%, it is **139.1630, 36.8946, 66.5090**.

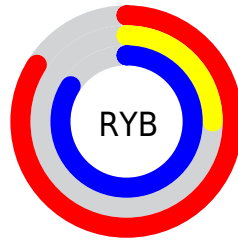
Distribution



Red (84%)

Green (25%)

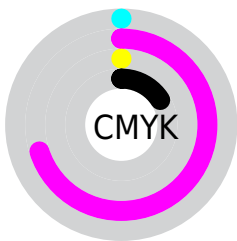
Blue (84%)



Red (84%)

Yellow (25%)

Blue (84%)

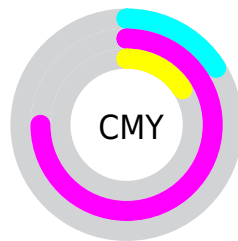


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2490, 43.2612, 77.8346 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 126.2490, 43.2612, 77.8346 by changing the saturation by 10% instead.

126.2490, 43.2612,
77.8346

126.2490, 43.2612,
77.8346

255.0000, 0.0000,
0.0000

90.6070, 47.0287,
82.7827

178.6900, 37.6208,
66.9239

64.7700, 46.4554,
80.0087

195.7130, 29.2285,
51.9947

53.3200, 38.7892,
65.4944

212.7360, 20.8362,
37.0655

41.6850, 31.7073,
50.2653

230.3460, 12.1544,
21.6216

30.7620, 24.7673,
36.1657

247.9560, 3.4727,
6.1776

19.9530, 18.2642,
21.9662

4.2890, 15.1405,

-2.8845

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 126.2490, 43.2612,
77.8346

■ 126.2490, 43.2612,
77.8346

■ 113.3350, 49.6278,
89.1602

■ 139.1630, 36.8946,
66.5090

■ 101.0080, 55.7051,
99.9710

■ 151.4900, 30.8174,
55.6983

■ 88.6810, 61.7823,
110.7818

■ 164.4040, 24.4508,
44.3727

■ 176.8450, 18.8104,
33.4619

189.7590, 12.4438,
22.1364

202.0860, 6.3666,
11.3256

215.0000, 0.0000,
0.0000

227.3270, -6.0772,
-10.8108

238.4800,
-11.5756, -20.5920

Harmonies

Analogous

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



126.7850, 63.2100, -20.8594



126.2490, 43.2612, 77.8346



92.2050, 23.5629, 142.7712

Triad

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



126.2490, 43.2612, 77.8346



123.5850, -60.9274, 35.4440



118.7090, 41.0625, -104.1078

Complementary

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



126.2490, 43.2612, 77.8346



152.7510, -43.2612, -77.8346

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.



109.8170, 6.9922, -96.3095



126.2490, 43.2612, 77.8346



113.4870, -55.9491, -21.4751

Square

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



126.2490, 43.2612, 77.8346



120.0830, -59.2009, 88.5042



97.3060, -28.2519, -85.3374



122.4030, 65.3703, -107.3474

Rectangle

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



126.2490, 43.2612, 77.8346



86.5050, 1.7230, 147.7701



97.3060, -28.2519, -85.3374



115.8590, 30.1425, -101.6083

Sweetspot

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



126.2490, 43.2612, 77.8346



223.3020, 15.6271, 27.7991



81.2140, 65.9565, -15.0967



109.1020, 8.8237, 16.5735



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.



126.2490, 43.2612, 77.8346



129.2680, 61.4929, 110.2670



117.8130, 10.9382, 85.2330



100.5430, 3.1833, 5.6628



70.5090, 49.0491, 88.1306



17.7590, 12.4438, 22.1364

Inverse Universe

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



126.2490, 43.2612, 77.8346



129.2680, 61.4929, 110.2670



161.3010, -10.5014, -85.3330



100.5430, 3.1833, 5.6628



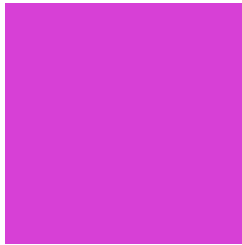
70.5090, 49.0491, 88.1306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 126.2490, 43.2612, 77.8346 looks on a white background.

Color Contrast Check

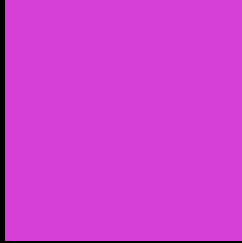
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2490, 43.2612, 77.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

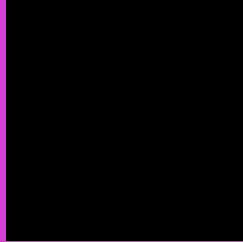
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.2490, 43.2612, 77.8346

Background



This preview shows how black text looks on a background with the YUV color 126.2490, 43.2612, 77.8346.



This preview shows how white text looks on a background with the YUV color 126.2490, 43.2612, 77.8346.

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

126.2490, 43.2612, 77.8346

Protanopia

121.2490, 65.9392, -56.3464

Deuteranopia

129.3300, 36.3193, -29.2304



Tritanopia

131.5950, -12.1253, 62.6222

Trichromacy



Original Color

126.2490, 43.2612, 77.8346



Protanomaly

123.0810, 57.6411, -7.9640



Deuteranomaly

127.9680, 38.9628, 9.6751



Tritanomaly

129.6060, 8.0822, 67.8745

Monochromacy



Original Color

126.2490, 43.2612, 77.8346



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.7150, 15.9165, 28.3139

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2490, 43.2612, 77.8346 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(215, 64, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 64, 214)  
}
```

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(215, 64, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 64, 214) }
```

Border

The CSS property to change the border of an element to YUV 126.2490, 43.2612, 77.8346 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(215, 64, 214) }
```


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

```
.border{ border-color:rgb(215, 64, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 64, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 64, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 64, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 64,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 126.2490, 43.2612, 77.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 64, 214) }
```

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

```
.background{ background-color: rgb(215, 64,  
214) }
```

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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