

Converting Colors

YUV(125.7560, 37.5883,
77.3900)

Have a look what the booklet for
YUV(125.7560, 37.5883, 77.3900)
contains.

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Color

**YUV(125.7560, 37.5883,
77.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	D642CA
RGB	214, 66, 202
RGB Percent	84%, 26%, 79%
CMY	0.1608, 0.7412, 0.2078
CMYK	0.00, 0.69, 0.06, 0.16
HSL	305°, 64%, 55%
HSV	305°, 69%, 84%
XYZ	40.3404, 22.4568, 58.0855
YIQ	125.7560, 44.5520, 73.6720

Conversions

Conversions Part 2

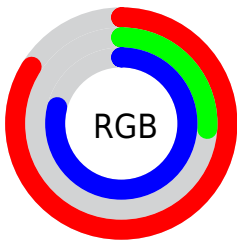
Format	Color
R _Y B	214, 66, 202
Decimal	14041802
CIE Lab	54.51, 71.84, -40.64
CIE LCh	55, 82.537, 330.503
Yxy	22.4568, 0.3337, 0.1858
Android (android.graphics.Color)	4292231882 (0xFFD642CA)
YUV	125.7560, 37.5883, 77.3900
Hunter-Lab	47.3886, 69.0212, -39.5013

Details

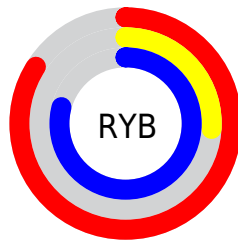
The YUV color **125.7560, 37.5883, 77.3900** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **154.2440, -37.5883, -77.3900**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **63.1030, 41.3612, 80.5937** is the 20% darker color. If you saturate the color by 10%, you get **113.2010, 42.7919, 88.4007**, and if you desaturate by 10%, it is **138.3110, 32.3847, 66.3793**.

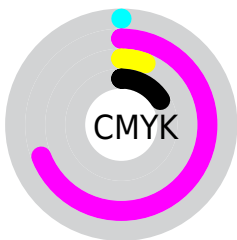
Distribution



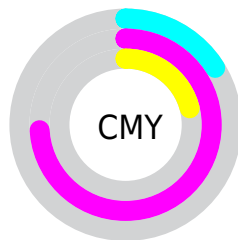
- Red (84%)
- Green (26%)
- Blue (79%)



- Red (84%)
- Yellow (26%)
- Blue (79%)



- Cyan (0%)
- Magenta (69%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (74%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.7560, 37.5883, 77.3900 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 125.7560, 37.5883, 77.3900 by changing the saturation by 10% instead.


 125.7560, 37.5883,
77.3900


 125.7560, 37.5883,
77.3900


255.0000, 0.0000,
0.0000


 91.8750, 40.4876,
80.7936


 179.2770, 37.3314,
66.4091


 63.1030, 41.3612,
80.5937


 196.3000, 28.9391,
51.4799


 51.7670, 34.1319,
65.9793


 213.3230, 20.5468,
36.5507

 40.5450, 27.3393,
51.2650

 230.3460, 12.1544,
21.6216

 29.6220, 20.3994,
37.1655

 247.9560, 3.4727,
6.1776

 18.9270, 14.3330,
22.8660

 2.9640, 11.3567,

-2.5994

■ 0.0000, 0.0000,
0.0000

■ 125.7560, 37.5883,
77.3900

■ 125.7560, 37.5883,
77.3900

■ 113.2010, 42.7919,
88.4007

■ 138.3110, 32.3847,
66.3793

■ 100.1730, 48.7217,
99.8263

■ 151.3390, 26.4549,
54.9537

■ 87.6180, 53.9253,
110.8370

■ 163.8940, 21.2513,
43.9430

■ 86.4440, 54.5041,
111.8666

■ 177.0360, 15.7583,
32.4174

■ 189.5910, 10.5546,
21.4067

202.0320, 4.9142,
10.4959

215.1740, -0.5788,
-1.0296

227.7290, -5.7824,
-12.0403

238.5230,
-10.1178, -21.5067

Harmonies

Analogous

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



129.5200, 61.8616, -8.3490



125.7560, 37.5883, 77.3900



100.3640, 15.5965, 131.2308

Triad

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



125.7560, 37.5883, 77.3900



122.0790, -60.1849, 30.6257



116.9480, 41.9306, -102.5634

Complementary

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



125.7560, 37.5883, 77.3900



154.2440, -37.5883, -77.3900

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.



108.7400, 10.4812, -95.3650



125.7560, 37.5883, 77.3900



110.8180, -54.6333, -23.5194

Square

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



125.7560, 37.5883, 77.3900



120.0280, -59.1738, 79.7824



97.6140, -21.9947, -85.6075



120.0550, 66.5279, -105.2882

Rectangle

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



125.7560, 37.5883, 77.3900



105.9850, -9.8526, 127.1782



97.6140, -21.9947, -85.6075



114.9130, 31.5949, -100.7787

Sweetspot

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



125.7560, 37.5883, 77.3900



222.8460, 13.8799, 28.1991



85.8620, 63.1720, -8.6490



108.8740, 7.9501, 16.7735



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.



125.7560, 37.5883, 77.3900



128.6180, 53.9253, 110.8370



117.5480, 6.1388, 84.5884



100.4290, 2.7465, 5.7628



69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Inverse Universe

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



125.7560, 37.5883, 77.3900



128.6180, 53.9253, 110.8370



162.4520, -6.1388, -84.5884



100.4290, 2.7465, 5.7628



69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 125.7560, 37.5883, 77.3900 looks on a white background.

Color Contrast Check

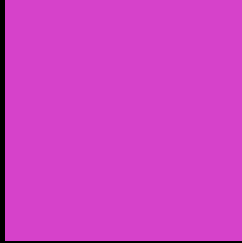
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7560, 37.5883, 77.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

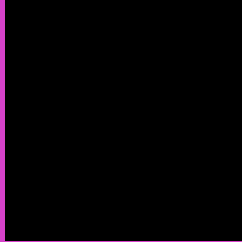
Any Text WCAG AA ✓ Pass

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 125.7560, 37.5883, 77.3900 Background



This preview shows how black text looks on a background with the YUV color 125.7560, 37.5883, 77.3900.



This preview shows how white text looks on a background with the YUV color 125.7560, 37.5883, 77.3900.

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

125.7560, 37.5883, 77.3900

Protanopia

119.4660, 66.8183, -58.2907

Deuteranopia

129.5930, 30.7667, -21.5681



Tritanopia

129.4920, -12.5676, 64.4665

Trichromacy



Original Color

125.7560, 37.5883, 77.3900



Protanomaly

122.0270, 56.1887, -8.7937



Deuteranomaly

128.5080, 33.2736, 14.4635



Tritanomaly

128.3350, 5.7508, 68.9892

Monochromacy



Original Color

125.7560, 37.5883, 77.3900



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

125.8460, 13.8799, 28.1991

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7560, 37.5883, 77.3900 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(214, 66, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 66, 202)  
}
```

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(214, 66, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 66, 202) }
```

Border

The CSS property to change the border of an element to YUV 125.7560, 37.5883, 77.3900 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(214, 66, 202) }
```


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

```
.border{ border-color:rgb(214, 66, 202) }
```

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

Here you see how a box with a 4 pixel rgb(214, 66, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 66, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 66, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 66,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 125.7560, 37.5883, 77.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 66, 202) }
```

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

```
.background{ background-color: rgb(214, 66,  
202) }
```

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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