

Converting Colors

YUV(126.8490, 36.5564,
81.6934)

Have a look what the booklet for
YUV(126.8490, 36.5564, 81.6934)
contains.

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Color

**YUV(126.8490, 36.5564,
81.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	DC41C9
RGB	220, 65, 201
RGB Percent	86%, 25%, 79%
CMY	0.1373, 0.7451, 0.2118
CMYK	0.00, 0.70, 0.09, 0.14
HSL	307°, 69%, 56%
HSV	307°, 70%, 86%
XYZ	41.9481, 23.2133, 57.5280
YIQ	126.8490, 48.7240, 75.1560

Conversions

Conversions Part 2

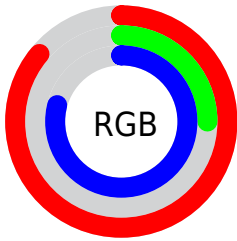
Format	Color
RYB	220, 65, 201
Decimal	14434761
CIELab	55.29, 73.39, -38.77
CIElCh	55, 83.001, 332.155
Yxy	23.2133, 0.3419, 0.1892
Android (android.graphics.Color)	4292624841 (0xFFDC41C9)
YUV	126.8490, 36.5564, 81.6934
Hunter-Lab	48.1802, 71.0959, -37.0673

Details

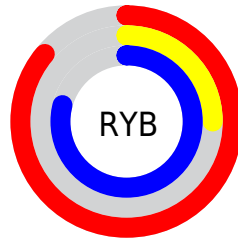
The YUV color **126.8490, 36.5564, 81.6934** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **158.1510, -36.5564, -81.6934**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **64.7830, 40.0400, 84.3823** is the 20% darker color. If you saturate the color by 10%, you get **113.5930, 41.6127, 93.3189**, and if you desaturate by 10%, it is **140.1050, 31.5002, 70.0679**.

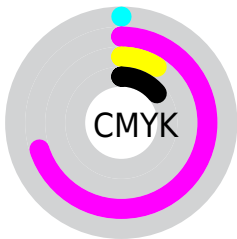
Distribution



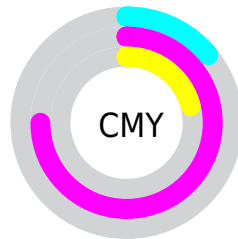
- Red (86%)
- Green (25%)
- Blue (79%)



- Red (86%)
- Yellow (25%)
- Blue (79%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (14%)





- Cyan (14%)
- Magenta (75%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.8490, 36.5564, 81.6934 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 126.8490, 36.5564, 81.6934 by changing the saturation by 10% instead.


 126.8490, 36.5564,
81.6934


 126.8490, 36.5564,
81.6934


255.0000, 0.0000,
0.0000


 91.7940, 40.0346,
86.1267


 179.2770, 37.3314,
66.4091


 64.7830, 40.0400,
84.3823

 196.3000, 28.9391,
51.4799

 53.1480, 32.9580,
69.1532


 213.3230, 20.5468,
36.5507

 41.9260, 26.1655,
54.4389

 230.9330, 11.8650,
21.1068

 30.8180, 19.8097,
39.6246

 247.9560, 3.4727,
6.1776

 20.4220, 13.5960,
25.9399

 6.2530, 9.7353,

4.1631

■ 0.0000, 0.0000,
0.0000

■ 126.8490, 36.5564,
81.6934

■ 126.8490, 36.5564,
81.6934

■ 113.5930, 41.6127,
93.3189

■ 140.1050, 31.5002,
70.0679

■ 100.4510, 47.1057,
104.8445

■ 153.2470, 26.0072,
58.5424

■ 87.7820, 51.8725,
115.9552

■ 166.5030, 20.9510,
46.9169

■ 179.7590, 15.8948,
35.2914

■ 192.9010, 10.4018,
23.7658

■ 206.1570, 5.3456,
12.1403

■ 219.4130, 0.2894,
0.5148

■ 232.6690, -4.7668,
-11.1107

■ 241.1150, -7.9447,
-18.5179

Harmonies

Analogous

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



132.5100, 60.3876, -2.2013



126.8490, 36.5564, 81.6934



103.2070, 13.7019, 132.2455

Triad

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



126.8490, 36.5564, 81.6934



123.5410, -60.9057, 28.4665



118.8060, 43.9726, -104.1929

Complementary

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



126.8490, 36.5564, 81.6934



158.1510, -36.5564, -81.6934

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.



110.5980, 12.5232, -96.9944



126.8490, 36.5564, 81.6934



111.6820, -55.0592, -26.9081

Square

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



126.8490, 36.5564, 81.6934



122.6750, -60.4788, 78.3380



100.0590, -20.2421, -87.7517



121.2290, 65.9491, -106.3178

Rectangle

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



126.8490, 36.5564, 81.6934



109.4750, -13.0522, 126.7484



100.0590, -20.2421, -87.7517



116.7710, 33.6369, -102.4082

Sweetspot

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



126.8490, 36.5564, 81.6934



222.5040, 12.5695, 28.4990



88.0520, 65.0504, -4.4306



108.7600, 7.5133, 16.8735



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.



126.8490, 36.5564, 81.6934



124.5430, 51.0043, 114.4108



118.0710, 2.9230, 89.3917



103.3150, 2.3097, 5.8627



69.0550, 40.8919, 91.1598



18.3140, 10.6912, 24.2806

Inverse Universe

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



126.8490, 36.5564, 81.6934



124.5430, 51.0043, 114.4108



166.9290, -2.9230, -89.3917



103.3150, 2.3097, 5.8627



69.0550, 40.8919, 91.1598



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 126.8490, 36.5564, 81.6934 looks on a white background.

Color Contrast Check

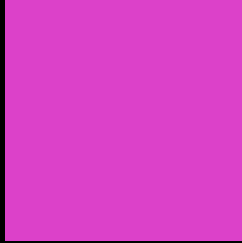
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.8490, 36.5564, 81.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

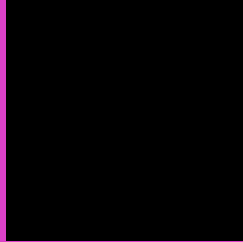
Any Text WCAG AA ✓ Pass

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 126.8490, 36.5564, 81.6934 Background



This preview shows how black text looks on a background with the YUV color 126.8490, 36.5564, 81.6934.



This preview shows how white text looks on a background with the YUV color 126.8490, 36.5564, 81.6934.

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

126.8490, 36.5564, 81.6934

Protanopia

122.7330, 65.2076, -55.0168

Deuteranopia

132.1480, 29.0140, -19.4238



Tritanopia

130.8840, -13.7468, 69.3847

Trichromacy



Original Color

126.8490, 36.5564, 81.6934



Protanomaly

124.2940, 54.5781, -5.5198



Deuteranomaly

130.4760, 31.8103, 17.1225



Tritanomaly

129.7270, 4.5716, 73.9074

Monochromacy



Original Color

126.8490, 36.5564, 81.6934



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.7430, 13.4377, 30.0434

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8490, 36.5564, 81.6934 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(220, 65, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 65, 201)  
}
```

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(220, 65, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 65, 201) }
```

Border

The CSS property to change the border of an element to YUV 126.8490, 36.5564, 81.6934 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(220, 65, 201) }
```


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

```
.border{ border-color:rgb(220, 65, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 65, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 65, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 65, 201);  
box-shadow:4px 4px 4px 4px rgb(220, 65,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 126.8490, 36.5564, 81.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 65, 201) }
```

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

```
.background{ background-color: rgb(220, 65,  
201) }
```

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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