

Converting Colors

YUV(133.8430, 25.7134,
106.2547)

Have a look what the booklet for
YUV(133.8430, 25.7134, 106.2547)
contains.

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Color

**YUV(133.8430, 25.7134,
106.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3EBA
RGB	255, 62, 186
RGB Percent	100%, 24%, 73%
CMY	0.0000, 0.7569, 0.2706
CMYK	0.00, 0.76, 0.27, 0.00
HSL	321°, 100%, 62%
HSV	321°, 76%, 100%
XYZ	51.8256, 28.2504, 49.1757
YIQ	133.8430, 75.2240, 79.4800

Conversions

Conversions Part 2

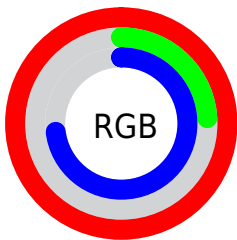
Format	Color
RYB	255, 62, 186
Decimal	16727738
CIELab	60.11, 80.40, -22.22
CIELCh	60, 83.415, 344.554
Yxy	28.2504, 0.4010, 0.2186
Android (android.graphics.Color)	4294917818 (0xFFFF3EBA)
YUV	133.8430, 25.7134, 106.2547
Hunter-Lab	53.1511, 81.0338, -17.6497

Details

The YUV color **133.8430, 25.7134, 106.2547** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **183.1570, -25.7134, -106.2547**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3820, 31.3637, 67.1940**, and **73.1680, 29.4972, 105.9697** is the 20% darker color. If you saturate the color by 10%, you get **117.5550, 29.3064, 120.5393**, and if you desaturate by 10%, it is **150.1310, 22.1204, 91.9701**.

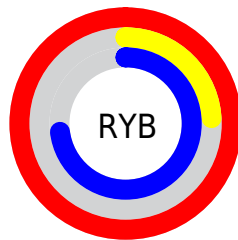
Distribution



Red (100%)

Green (24%)

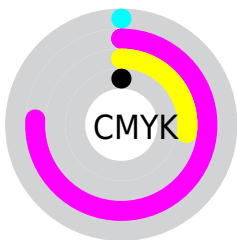
Blue (73%)



Red (100%)

Yellow (24%)

Blue (73%)

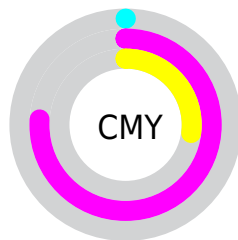


Cyan (0%)

Magenta (76%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.8430, 25.7134, 106.2547 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 133.8430, 25.7134, 106.2547 by changing the saturation by 10% instead.


 133.8430, 25.7134,
106.2547


 133.8430, 25.7134,
106.2547


255.0000, 0.0000,
0.0000


 89.2110, 34.4060,
118.2100


 178.3820, 31.3637,
67.1940


 73.1680, 29.4972,
105.9697


 197.4740, 28.3603,
50.4503


 60.9350, 22.7100,
89.5110

 215.0840, 19.6786,
35.0063

 49.5280, 16.5017,
74.0819

 233.2810, 10.7075,
19.0476

 37.8220, 10.4408,
58.0381

 250.8910, 2.0257,
3.6036

 27.3550, 5.2480,
43.5387

 15.6490, -0.8130,

27.4948

■ 0.0000, 0.0000,
0.0000

■ 133.8430, 25.7134,
106.2547

■ 133.8430, 25.7134,
106.2547

■ 117.5550, 29.3064,
120.5393

■ 150.1310, 22.1204,
91.9701

■ 101.8540, 32.6100,
134.3090

■ 165.8320, 18.8168,
78.2003

■ 94.9410, 34.0461,
140.3717

■ 182.1200, 15.2238,
63.9158

■ 197.8210, 11.9202,
50.1460

■ 214.2230, 8.7641,
35.7614

■ 229.9240, 5.4605,
21.9917

■ 246.2120, 1.8675,
7.7071

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.9450, 50.8061, 37.7592



133.8430, 25.7134, 106.2547



119.6510, -3.2789, 118.7011

Triad

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



133.8430, 25.7134, 106.2547



132.2690, -65.2086, 8.5341



130.2960, 57.5351, -114.2696

Complementary

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



133.8430, 25.7134, 106.2547



183.1570, -25.7134, -106.2547

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.



124.4190, 27.4014, -109.1155



133.8430, 25.7134, 106.2547



112.0690, -48.8410, -61.4505

Square

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



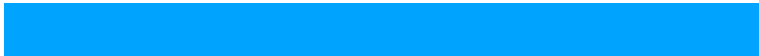
133.8430, 25.7134, 106.2547



136.1430, -67.1185, 61.2646



113.8800, -5.3638, -99.8728



125.3380, 63.9234, -109.9214

Rectangle

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



133.8430, 25.7134, 106.2547



128.3810, -30.7538, 111.0449



113.8800, -5.3638, -99.8728



129.1900, 48.2203, -113.2996

Sweetspot

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



133.8430, 25.7134, 106.2547



217.9730, 7.9013, 32.4727



104.3340, 74.2783, 22.5091



105.3860, 4.7397, 19.8325



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.



133.8430, 25.7134, 106.2547



109.3540, 30.8845, 127.7315



123.0130, -15.7824, 115.7526



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Inverse Universe

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



133.8430, 25.7134, 106.2547



109.3540, 30.8845, 127.7315



193.9870, 15.7824, -115.7526



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 133.8430, 25.7134, 106.2547 looks on a white background.

Color Contrast Check

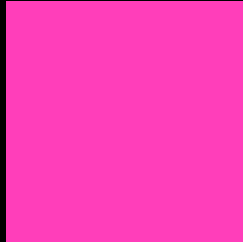
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8430, 25.7134, 106.2547 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 133.8430, 25.7134, 106.2547 Background



This preview shows how black text looks on a background with the YUV color 133.8430, 25.7134, 106.2547.



This preview shows how white text looks on a background with the YUV color 133.8430, 25.7134, 106.2547.

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

133.8430, 25.7134, 106.2547

Protanopia

141.5970, 51.4707, -35.6036

Deuteranopia

146.3600, 14.1195, -2.0697



Tritanopia

137.9260, -20.6695, 96.5349

Trichromacy



Original Color

133.8430, 25.7134, 106.2547



Protanomaly

138.8100, 41.9987, 15.9526



Deuteranomaly

141.7530, 18.3628, 37.0506



Tritanomaly

136.7150, -3.8035, 100.2279

Monochromacy



Original Color

133.8430, 25.7134, 106.2547



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.0600, 9.3374, 38.5354

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8430, 25.7134, 106.2547 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(255, 62, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 186)  
}
```

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(255, 62, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 186) }
```

Border

The CSS property to change the border of an element to YUV 133.8430, 25.7134, 106.2547 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(255, 62, 186) }
```


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

```
.border{ border-color:rgb(255, 62, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 133.8430, 25.7134, 106.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 186) }
```

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

```
.background{ background-color: rgb(255, 62,  
186) }
```

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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