

Converting Colors

YUV(106.5490, 51.9873,
125.8065)

Have a look what the booklet for
YUV(106.5490, 51.9873, 125.8065)
contains.

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Color

**YUV(106.5490, 51.9873,
125.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0DD4
RGB	250, 13, 212
RGB Percent	98%, 5%, 83%
CMY	0.0196, 0.9490, 0.1686
CMYK	0.00, 0.95, 0.15, 0.02
HSL	310°, 96%, 52%
HSV	310°, 95%, 98%
XYZ	51.4519, 25.3653, 64.4715
YIQ	106.5490, 77.3730, 112.1330

Conversions

Conversions Part 2

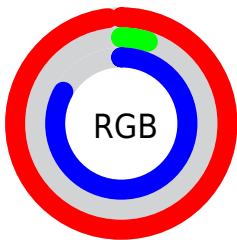
Format	Color
RYB	250, 13, 212
Decimal	16387540
CIELab	57.43, 90.99, -41.34
CIElCh	57, 99.942, 335.565
Yxy	25.3653, 0.3642, 0.1795
Android (android.graphics.Color)	4294577620 (0xFFFA0DD4)
YUV	106.5490, 51.9873, 125.8065
Hunter-Lab	50.3640, 94.2189, -40.6430

Details

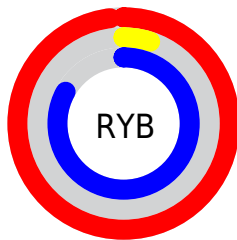
The YUV color **106.5490, 51.9873, 125.8065** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **156.4510, -51.9873, -125.8065**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 43.4087, 77.2199**, and **74.1100, 40.8648, 99.8815** is the 20% darker color. If you saturate the color by 10%, you get **98.6900, 54.8758, 132.6989**, and if you desaturate by 10%, it is **121.6800, 46.4998, 112.5366**.

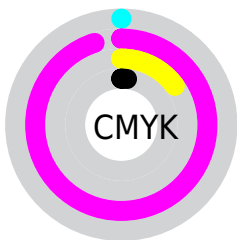
Distribution



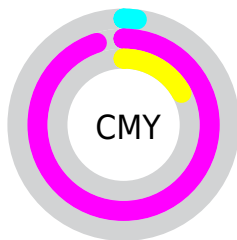
- Red (98%)
- Green (5%)
- Blue (83%)



- Red (98%)
- Yellow (5%)
- Blue (83%)



- Cyan (0%)
- Magenta (95%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (95%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5490, 51.9873, 125.8065 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 106.5490, 51.9873, 125.8065 by changing the saturation by 10% instead.


 106.5490, 51.9873,
125.8065


 106.5490, 51.9873,
125.8065


255.0000, 0.0000,
0.0000


 86.4570, 48.0887,
116.2402


 166.9500, 43.4087,
77.2199


 74.1100, 40.8648,
99.8815


 185.7340, 34.1481,
60.7463

 62.0620, 33.4934,
84.1376


 203.9310, 25.1770,
44.7875

 50.2420, 26.9957,
68.1938

 222.1280, 16.2059,
28.8287

 38.7210, 20.3505,
52.8647

 240.3250, 7.2348,
12.8700

 27.6130, 13.9948,
38.0504

 16.1350, 8.8074,

21.8066

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 106.5490, 51.9873,
125.8065

■ 106.5490, 51.9873,
125.8065

■ 98.6900, 54.8758,
132.6989

■ 121.6800, 46.4998,
112.5366

■ 136.8110, 41.0122,
99.2668

■ 151.9420, 35.5246,
85.9969

■ 167.0730, 30.0370,
72.7270

182.2040, 24.5494,
59.4571

197.3350, 19.0618,
46.1872

212.4660, 13.5743,
32.9173

227.5970, 8.0867,
19.6474

242.7280, 2.5991,
6.3775

Harmonies

Analogous

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



134.3700, 59.4706, 11.9535



106.5490, 51.9873, 125.8065



90.6090, 17.4478, 144.1709

Triad

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



106.5490, 51.9873, 125.8065



128.2260, -63.2154, 22.6038



128.7970, 54.3301, -112.9550

Complementary

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



106.5490, 51.9873, 125.8065



156.4510, -51.9873, -125.8065

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.



118.4060, 17.0548, -103.8421



106.5490, 51.9873, 125.8065



107.9730, -53.2307, -53.4733

Square

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



106.5490, 51.9873, 125.8065



127.7250, -62.9684, 83.5562



105.8150, -23.5728, -92.7998



126.5120, 63.3446, -110.9510

Rectangle

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



106.5490, 51.9873, 125.8065



84.2250, -7.0129, 149.7697



105.8150, -23.5728, -92.7998



125.7190, 42.5365, -110.2556

Sweetspot

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



106.5490, 51.9873, 125.8065



212.0690, 15.7420, 37.6505



50.7820, 98.2145, -1.5628



101.3740, 9.6756, 23.3510



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.



106.5490, 51.9873, 125.8065



100.6410, 55.8860, 135.3728



93.3250, 1.3188, 137.4040



117.1410, 2.8885, 6.8923



74.5230, 41.1542, 100.3963



24.0530, 13.2849, 32.4025

Inverse Universe

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



106.5490, 51.9873, 125.8065



100.6410, 55.8860, 135.3728



169.6750, -1.3188, -137.4040



117.1410, 2.8885, 6.8923



74.5230, 41.1542, 100.3963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 106.5490, 51.9873, 125.8065 looks on a white background.

Color Contrast Check

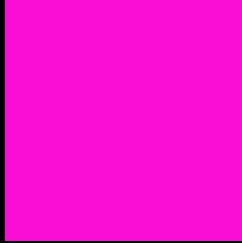
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5490, 51.9873, 125.8065 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 106.5490, 51.9873, 125.8065 Background



This preview shows how black text looks on a background with the YUV color 106.5490, 51.9873, 125.8065.



This preview shows how white text looks on a background with the YUV color 106.5490, 51.9873, 125.8065.

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

106.5490, 51.9873, 125.8065

Protanopia

131.0390, 61.1128, -48.2692

Deuteranopia

137.4900, 30.3244, -19.7237



Tritanopia

130.9150, -20.6641, 94.7905

Trichromacy



Original Color

106.5490, 51.9873, 125.8065



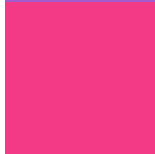
Protanomaly

122.2240, 57.5706, 14.7126



Deuteranomaly

126.2960, 38.3081, 33.0664



Tritanomaly

121.9790, 5.9264, 106.1354

Monochromacy



Original Color

106.5490, 51.9873, 125.8065



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9220, 18.7725, 45.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5490, 51.9873, 125.8065 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(250, 13, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 13, 212)  
}
```

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(250, 13, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 13, 212) }
```

Border

The CSS property to change the border of an element to YUV 106.5490, 51.9873, 125.8065 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(250, 13, 212) }
```


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

```
.border{ border-color:rgb(250, 13, 212) }
```

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

Here you see how a box with a 4 pixel rgb(250, 13, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 13, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 13, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 13,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 106.5490, 51.9873, 125.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 13, 212) }
```

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

```
.background{ background-color: rgb(250, 13,  
212) }
```

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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