

Converting Colors

YUV(150.0670, 35.9560,
87.6412)

Have a look what the booklet for
YUV(150.0670, 35.9560, 87.6412)
contains.

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Color

**YUV(150.0670, 35.9560,
87.6412)**

Conversions

Conversions Part 1

Format	Color
Hex	FA55DF
RGB	250, 85, 223
RGB Percent	98%, 33%, 87%
CMY	0.0196, 0.6667, 0.1255
CMYK	0.00, 0.66, 0.11, 0.02
HSL	310°, 94%, 66%
HSV	310°, 66%, 98%
XYZ	55.9921, 32.1487, 73.0662
YIQ	150.0670, 54.0420, 77.8980

Conversions

Conversions Part 2

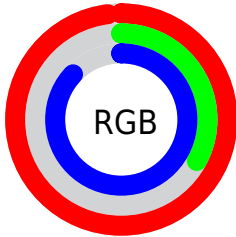
Format	Color
R _Y B	250, 85, 223
Decimal	16405983
CIE Lab	63.47, 76.62, -38.09
CIE LCh	63, 85.567, 333.568
Yxy	32.1487, 0.3473, 0.1994
Android (android.graphics.Color)	4294596063 (0xFFFA55DF)
YUV	150.0670, 35.9560, 87.6412
Hunter-Lab	56.6998, 77.0473, -36.7142

Details

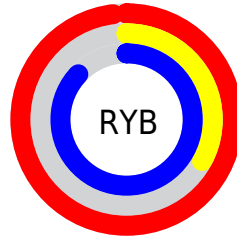
The YUV color **150.0670, 35.9560, 87.6412** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **184.9330, -35.9560, -87.6412**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 31.8330, 56.6279**, and **75.8480, 44.9379, 100.1113** is the 20% darker color. If you saturate the color by 10%, you get **134.9360, 41.4436, 100.9111**, and if you desaturate by 10%, it is **165.1980, 30.4684, 74.3714**.

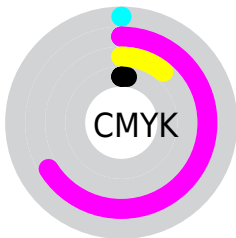
Distribution



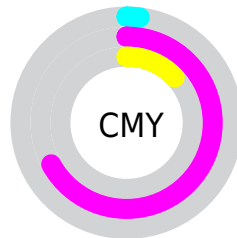
- Red (98%)
- Green (33%)
- Blue (87%)



- Red (98%)
- Yellow (33%)
- Blue (87%)



- Cyan (0%)
- Magenta (66%)
- Yellow (11%)
- Black (2%)




- Cyan (2%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0670, 35.9560, 87.6412 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 150.0670, 35.9560, 87.6412 by changing the saturation by 10% instead.

 150.0670, 35.9560,
87.6412


 150.0670, 35.9560,
87.6412


255.0000, 0.0000,
0.0000


 117.9470, 37.9871,
89.5005


 190.4300, 31.8330,
56.6279

 75.8480, 44.9379,
100.1113


 208.0400, 23.1513,
41.1839


 63.9140, 38.0034,
84.2674

 225.0630, 14.7589,
26.2547

 52.2790, 30.9215,
69.0383

 242.6730, 6.0772,
10.8108

 41.0570, 24.1289,
54.3240

 29.9490, 17.7731,
39.5097

 18.9550, 11.8542,

24.5955

■ 3.1770, 8.2937,
-0.1552

■ 0.0000, 0.0000,
0.0000

■ 150.0670, 35.9560,
87.6412

■ 150.0670, 35.9560,
87.6412

■ 134.9360, 41.4436,
100.9111

■ 165.1980, 30.4684,
74.3714

■ 119.8050, 46.9311,
114.1810

■ 180.3290, 24.9808,
61.1015

■ 104.6740, 52.4187,
127.4509

■ 195.4600, 19.4932,
47.8316

■ 98.5760, 54.4390,
132.7988

■ 210.5910, 14.0056,
34.5617

225.7220, 8.5181,
21.2918

240.9670, 3.4673,
7.9219

253.1630, -0.5734,
-2.7740

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



152.0460, 50.7563, 6.9757



150.0670, 35.9560, 87.6412



125.4020, 11.1408, 113.6574

Triad

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



150.0670, 35.9560, 87.6412



143.3210, -70.6573, 29.5365



136.2000, 49.6944, -119.4474

Complementary

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



150.0670, 35.9560, 87.6412



184.9330, -35.9560, -87.6412

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.



128.1230, 16.2084, -112.3639



150.0670, 35.9560, 87.6412



129.9670, -64.0737, -28.9121

Square

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



150.0670, 35.9560, 87.6412



143.0640, -70.5306, 82.3819



116.0680, -17.2885, -101.7916



134.1430, 59.5825, -117.6434

Rectangle

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



150.0670, 35.9560, 87.6412



127.9200, -14.7506, 111.4492



116.0680, -17.2885, -101.7916



134.0510, 38.9219, -117.5627

Sweetspot

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



150.0670, 35.9560, 87.6412



224.1510, 11.2646, 27.0546



111.2850, 68.3865, -1.1269



109.1190, 6.3503, 16.5586



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.



150.0670, 35.9560, 87.6412



133.2510, 43.7533, 106.7739



140.9470, 1.0121, 95.6395



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.



150.0670, 35.9560, 87.6412



133.2510, 43.7533, 106.7739



194.0530, -1.0121, -95.6395



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 150.0670, 35.9560, 87.6412 looks on a white background.

Color Contrast Check

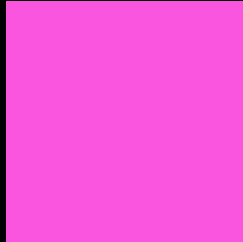
Large Text (above 18pt) WCAG AA × Fail

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 150.0670, 35.9560, 87.6412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

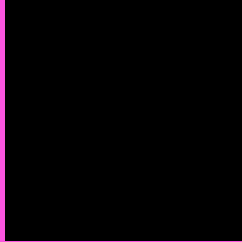
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.0670, 35.9560, 87.6412

Background



This preview shows how black text looks on a background with the YUV color 150.0670, 35.9560, 87.6412.



This preview shows how white text looks on a background with the YUV color 150.0670, 35.9560,

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

150.0670, 35.9560, 87.6412

Protanopia

150.5970, 51.4707, -35.6036

Deuteranopia

153.8710, 29.1506, -16.5499



Tritanopia

152.5860, -15.0789, 76.6621

Trichromacy



Original Color

150.0670, 35.9560, 87.6412



Protanomaly

150.3900, 45.6567, 9.3050



Deuteranomaly

152.7970, 31.6521, 21.2260



Tritanomaly

151.5430, 3.6763, 81.0848

Monochromacy



Original Color

150.0670, 35.9560, 87.6412



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7540, 13.4323, 31.7877

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0670, 35.9560, 87.6412 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, 85, 223)` looks like.

```
.text, #text, p{  
    color:rgb(250, 85, 223)  
}
```

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, 85, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 85, 223) }
```

Border

The CSS property to change the border of an element to YUV 150.0670, 35.9560, 87.6412 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, 85, 223) }
```


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

```
.border{ border-color:rgb(250, 85, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 85, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 85, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 85, 223);  
box-shadow:4px 4px 4px 4px rgb(250, 85,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 150.0670, 35.9560, 87.6412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 85, 223) }
```

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

```
.background{ background-color: rgb(250, 85,  
223) }
```

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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