

Converting Colors

YUV(164.1030, 37.9102,
67.4387)

Have a look what the booklet for
YUV(164.1030, 37.9102, 67.4387)
contains.

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Color

**YUV(164.1030, 37.9102,
67.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	F16EF1
RGB	241, 110, 241
RGB Percent	95%, 43%, 95%
CMY	0.0549, 0.5686, 0.0549
CMYK	0.00, 0.54, 0.00, 0.05
HSL	300°, 82%, 69%
HSV	300°, 54%, 95%
XYZ	57.7287, 36.2035, 87.1644
YIQ	164.1030, 36.0250, 68.5130

Conversions

Conversions Part 2

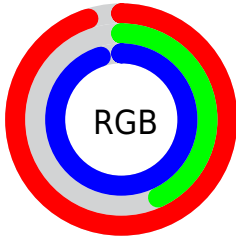
Format	Color
R _Y B	241, 110, 241
Decimal	15822577
CIE Lab	66.68, 67.08, -43.16
CIE LCh	67, 79.764, 327.241
Yxy	36.2035, 0.3188, 0.1999
Android (android.graphics.Color)	4294012657 (0xFFFF16EF1)
YUV	164.1030, 37.9102, 67.4387
Hunter-Lab	60.1693, 65.9633, -43.7720

Details

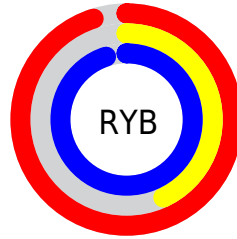
The YUV color **164.1030, 37.9102, 67.4387** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **186.8970, -37.9102, -67.4387**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3440, 25.4664, 45.3023**, and **105.3310, 38.7838, 67.2387** is the 20% darker color. If you saturate the color by 10%, you get **150.0150, 44.8556, 79.7938**, and if you desaturate by 10%, it is **178.1910, 30.9648, 55.0835**.

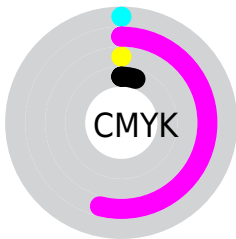
Distribution



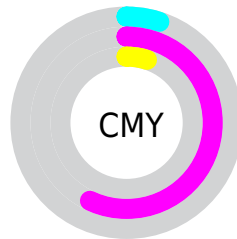
- Red (95%)
- Green (43%)
- Blue (95%)



- Red (95%)
- Yellow (43%)
- Blue (95%)



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (57%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.1030, 37.9102, 67.4387 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 164.1030, 37.9102, 67.4387 by changing the saturation by 10% instead.


 164.1030, 37.9102,
67.4387


 164.1030, 37.9102,
67.4387


255.0000, 0.0000,
0.0000

 134.8040, 38.0576,
66.8239


 203.3440, 25.4664,
45.3023


 105.3310, 38.7838,
67.2387


 220.3670, 17.0741,
30.3731

 67.1670, 44.2877,
75.2755

 237.3900, 8.6817,
15.4440

 52.3090, 38.7947,
63.7500

 40.9730, 31.5653,
49.1357

 30.0500, 24.6254,
35.0361

 19.9530, 18.2642,

21.9662

■ 4.1750, 14.7037,
-2.7845

■ 0.7980, 3.0576,
-0.6998

■ 164.1030, 37.9102,
67.4387

■ 164.1030, 37.9102,
67.4387

■ 150.0150, 44.8556,
79.7938

■ 178.1910, 30.9648,
55.0835

■ 135.9270, 51.8010,
92.1490

■ 192.2790, 24.0195,
42.7283

■ 121.8390, 58.7464,
104.5042

■ 206.3670, 17.0741,
30.3731

■ 107.7510, 65.6918,
116.8594

■ 220.4550, 10.1287,
18.0180

99.5330, 69.7432,
124.0666

234.5430, 3.1833,
5.6628

249.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



157.8280, 47.9058, -12.1272



164.1030, 37.9102, 67.4387



144.5740, 13.5210, 96.8436

Triad

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



164.1030, 37.9102, 67.4387



151.9590, -74.9158, 42.1320



139.6420, 42.5745, -122.4660

Complementary

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



164.1030, 37.9102, 67.4387



186.8970, -37.9102, -67.4387

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.



131.3200, 10.6882, -115.1676



164.1030, 37.9102, 67.4387



142.7690, -70.3851, -11.1984

Square

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



164.1030, 37.9102, 67.4387



153.9580, -59.6323, 86.8598



119.9490, -20.1879, -105.1953



139.4260, 56.9780, -122.2766

Rectangle

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



164.1030, 37.9102, 67.4387



140.8630, -8.3135, 100.0981



119.9490, -20.1879, -105.1953



137.6070, 32.2387, -120.6813

Sweetspot

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



164.1030, 37.9102, 67.4387



230.9330, 11.8650, 21.1068



124.9340, 57.2205, -13.0971



113.3250, 7.2348, 12.8700



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.



164.1030, 37.9102, 67.4387



157.5580, 48.0389, 85.4566



156.6930, 9.5184, 73.9372



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Inverse Universe

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



164.1030, 37.9102, 67.4387



157.5580, 48.0389, 85.4566



194.4210, -9.0816, -74.0372



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 164.1030, 37.9102, 67.4387 looks on a white background.

Color Contrast Check

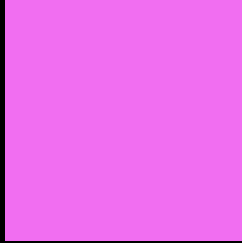
Large Text (above 18pt) WCAG AA × Fail

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 164.1030, 37.9102, 67.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

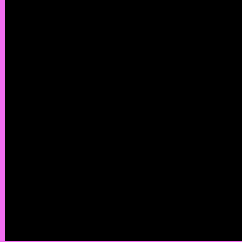
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1030, 37.9102, 67.4387

Background



This preview shows how black text looks on a background with the YUV color 164.1030, 37.9102, 67.4387.



This preview shows how white text looks on a background with the YUV color 164.1030, 37.9102, 67.4387.

67.4387.

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

164.1030, 37.9102, 67.4387

Protanopia

160.6640, 46.5076, -30.4003

Deuteranopia

161.6190, 34.6978, -22.4679



Tritanopia

164.2460, -9.4883, 56.7893

Trichromacy



Original Color

164.1030, 37.9102, 67.4387



Protanomaly

162.0860, 43.3416, 5.1866



Deuteranomaly

162.1700, 35.9052, 10.3749



Tritanomaly

164.1490, 7.8145, 60.3823

Monochromacy



Original Color

164.1030, 37.9102, 67.4387



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1030, 37.9102, 67.4387 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(241, 110, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 110, 241)  
}
```

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(241, 110, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 110, 241) }
```

Border

The CSS property to change the border of an element to YUV 164.1030, 37.9102, 67.4387 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(241, 110, 241) }
```


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

```
.border{ border-color:rgb(241, 110, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 110, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 110, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 110, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 110,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 164.1030, 37.9102, 67.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 110, 241) }
```

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

```
.background{ background-color: rgb(241,  
110, 241) }
```

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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