

Converting Colors

YUV(161.4950, 36.7310,
72.3569)

Have a look what the booklet for
YUV(161.4950, 36.7310, 72.3569)
contains.

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Color

**YUV(161.4950, 36.7310,
72.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	F469EC
RGB	244, 105, 236
RGB Percent	96%, 41%, 93%
CMY	0.0431, 0.5882, 0.0745
CMYK	0.00, 0.57, 0.03, 0.04
HSL	303°, 86%, 68%
HSV	303°, 57%, 96%
XYZ	57.5001, 35.3924, 83.1577
YIQ	161.4950, 40.7930, 70.2090

Conversions

Conversions Part 2

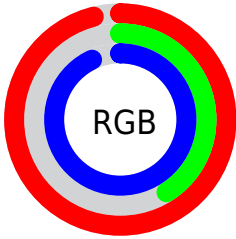
Format	Color
R _Y B	244, 105, 236
Decimal	16017900
CIE Lab	66.05, 69.20, -41.34
CIE LCh	66, 80.610, 329.143
Yxy	35.3924, 0.3266, 0.2010
Android (android.graphics.Color)	4294207980 (0xFFFF469EC)
YUV	161.4950, 36.7310, 72.3569
Hunter-Lab	59.4915, 68.4149, -41.2320

Details

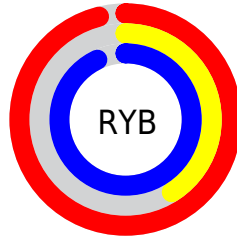
The YUV color **161.4950, 36.7310, 72.3569** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **187.5050, -36.7310, -72.3569**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4090, 26.9134, 47.8763**, and **101.0760, 38.9095, 73.6013** is the 20% darker color. If you saturate the color by 10%, you get **147.2930, 43.2396, 84.8120**, and if you desaturate by 10%, it is **175.6970, 30.2224, 59.9017**.

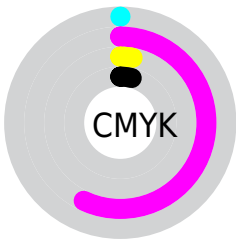
Distribution



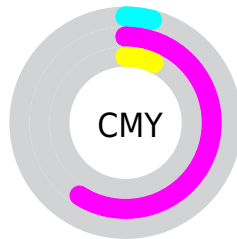
- Red (96%)
- Green (41%)
- Blue (93%)



- Red (96%)
- Yellow (41%)
- Blue (93%)



- Cyan (0%)
- Magenta (57%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (59%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4950, 36.7310, 72.3569 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 161.4950, 36.7310, 72.3569 by changing the saturation by 10% instead.

161.4950, 36.7310,
72.3569

161.4950, 36.7310,
72.3569

255.0000, 0.0000,
0.0000

132.1960, 36.8784,
71.7421

200.4090, 26.9134,
47.8763

101.0760, 38.9095,
73.6013

217.4320, 18.5210,
32.9471

64.0860, 43.8346,
80.6086

235.0420, 9.8393,
17.5032

52.3370, 36.3159,
65.4795

252.6520, 1.1576,
2.0592

41.1150, 29.5233,
50.7651

30.1920, 22.5833,
36.6656

19.7960, 16.3696,

22.9809

■ 4.3170, 12.6617,
-1.1550

■ 0.0000, 0.0000,
0.0000

■ 161.4950, 36.7310,
72.3569

■ 161.4950, 36.7310,
72.3569

■ 147.2930, 43.2396,
84.8120

■ 175.6970, 30.2224,
59.9017

■ 132.3900, 49.6007,
97.8820

■ 190.6000, 23.8612,
46.8318

■ 118.1880, 56.1093,
110.3371

■ 204.8020, 17.3526,
34.3766

■ 103.2850, 62.4705,
123.4071

■ 219.7050, 10.9914,
21.3067

99.1760, 64.4962,
127.0106

233.9070, 4.4828,
8.8516

248.1090, -2.0257,
-3.6036

250.6850, -2.3097,
-5.8627

250.7990, -1.8729,
-5.9627

251.0270, -0.9993,
-6.1627

Harmonies

Analogous

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



157.2740, 48.1789, -6.3793



161.4950, 36.7310, 72.3569



140.9550, 12.3472, 100.0175

Triad

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



161.4950, 36.7310, 72.3569



150.1650, -74.0313, 38.4433



138.8100, 44.4637, -121.7364

Complementary

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



161.4950, 36.7310, 72.3569



187.5050, -36.7310, -72.3569

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.



130.4880, 12.5774, -114.4380



161.4950, 36.7310, 72.3569



140.6760, -69.3533, -15.5019

Square

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



161.4950, 36.7310, 72.3569



151.5080, -63.8474, 85.5005



119.5900, -19.0249, -104.8804



138.2520, 57.5568, -121.2470

Rectangle

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



161.4950, 36.7310, 72.3569



138.4180, -10.0661, 102.2424



119.5900, -19.0249, -104.8804



136.7750, 34.1279, -119.9517

Sweetspot

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



161.4950, 36.7310, 72.3569



229.5310, 11.5702, 22.3363



122.9390, 59.6831, -9.5935



112.5100, 6.6506, 13.5847



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.



161.4950, 36.7310, 72.3569



152.3090, 45.6967, 90.0600



153.7430, 7.0287, 79.1554



114.9560, 3.4727, 6.1776



75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Inverse Universe

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



161.4950, 36.7310, 72.3569



152.3090, 45.6967, 90.0600



195.2570, -7.0287, -79.1554



114.9560, 3.4727, 6.1776



75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 161.4950, 36.7310, 72.3569 looks on a white background.

Color Contrast Check

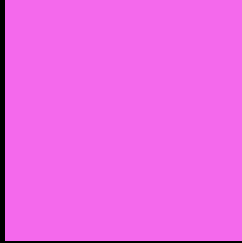
Large Text (above 18pt) WCAG AA × Fail

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 161.4950, 36.7310, 72.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

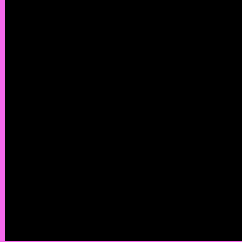
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.4950, 36.7310, 72.3569

Background



This preview shows how black text looks on a background with the YUV color 161.4950, 36.7310, 72.3569.



This preview shows how white text looks on a background with the YUV color 161.4950, 36.7310,

72.3569.

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

161.4950, 36.7310, 72.3569

Protanopia

158.5930, 47.5287, -31.2151

Deuteranopia

160.1740, 32.9452, -20.3236



Tritanopia

161.9370, -10.8149, 62.3223

Trichromacy



Original Color

161.4950, 36.7310, 72.3569



Protanomaly

159.7980, 43.4836, 6.3162



Deuteranomaly

160.4370, 34.2946, 13.6488



Tritanomaly

161.8400, 6.4879, 65.9153

Monochromacy



Original Color

161.4950, 36.7310, 72.3569



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.3080, 13.1592, 26.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.4950, 36.7310, 72.3569 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(244, 105, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 105, 236)  
}
```

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(244, 105, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 105, 236) }
```

Border

The CSS property to change the border of an element to YUV 161.4950, 36.7310, 72.3569 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(244, 105, 236) }
```


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

```
.border{ border-color:rgb(244, 105, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 105, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 105, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 105, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 105,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 161.4950, 36.7310, 72.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 105, 236) }
```

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

```
.background{ background-color: rgb(244,  
105, 236) }
```

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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