

Converting Colors

YUV(172.4070, 36.7743,
58.4021)

Have a look what the booklet for
YUV(172.4070, 36.7743, 58.4021)
contains.

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Color

**YUV(172.4070, 36.7743,
58.4021)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7CF7
RGB	239, 124, 247
RGB Percent	94%, 49%, 97%
CMY	0.0627, 0.5137, 0.0314
CMYK	0.03, 0.50, 0.00, 0.03
HSL	296°, 88%, 73%
HSV	296°, 50%, 97%
XYZ	59.5928, 39.4814, 92.4755
YIQ	172.4070, 29.0570, 62.6330

Conversions

Conversions Part 2

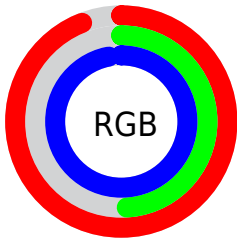
Format	Color
R _Y B	239, 124, 247
Decimal	15695095
CIE Lab	69.10, 61.14, -42.68
CIE LCh	69, 74.565, 325.082
Yxy	39.4814, 0.3111, 0.2061
Android (android.graphics.Color)	4293885175 (0xFFEF7CF7)
YUV	172.4070, 36.7743, 58.4021
Hunter-Lab	62.8342, 59.3316, -43.2753

Details

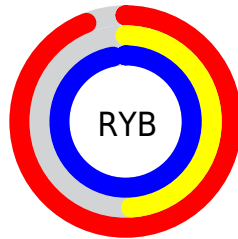
The YUV color **172.4070, 36.7743, 58.4021** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **198.5930, -36.7743, -58.4021**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **115.6950, 36.6324, 57.2725** is the 20% darker color. If you saturate the color by 10%, you get **157.1340, 44.3039, 70.0425**, and if you desaturate by 10%, it is **187.6800, 29.2448, 46.7616**.

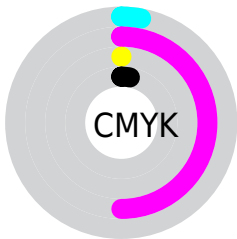
Distribution



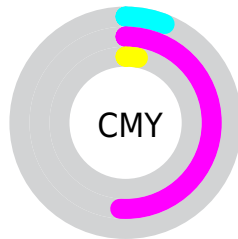
- Red (94%)
- Green (49%)
- Blue (97%)



- Red (94%)
- Yellow (49%)
- Blue (97%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (3%)




- Cyan (6%)
- Magenta (51%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.4070, 36.7743, 58.4021 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 172.4070, 36.7743, 58.4021 by changing the saturation by 10% instead.

 172.4070, 36.7743,
58.4021


 172.4070, 36.7743,
58.4021


255.0000, 0.0000,
0.0000


 143.9940, 36.4850,
57.8873


 210.9750, 21.7043,
38.6099

 115.6950, 36.6324,
57.2725

 227.9980, 13.3120,
23.6808

 86.3360, 37.7954,
57.5873

 245.0210, 4.9196,
8.7516

 52.5800, 41.1261,
62.6353

 41.5430, 33.7493,
48.6358

 30.6200, 26.8093,
34.5363

 20.8220, 20.3008,

22.0811

■ 6.1260, 15.7139,
-0.1105

■ 2.2970, 6.2626,
-2.0145

■ 172.4070, 36.7743,
58.4021

■ 172.4070, 36.7743,
58.4021

■ 157.1340, 44.3039,
70.0425

■ 187.6800, 29.2448,
46.7616

■ 142.7470, 51.3967,
81.7829

■ 202.0670, 22.1520,
35.0212

■ 127.4740, 58.9263,
93.4233

■ 217.3400, 14.6224,
23.3808

■ 112.5000, 66.3085,
105.6785

■ 232.3140, 7.2402,
11.1256

97.8140, 73.5487,
116.8041

247.5870, -0.2894,
-0.5148

97.2270, 73.8381,
117.3189

252.2940, -2.6099,
-2.8888

252.5930, -2.7573,
-2.2741

253.1910, -3.0522,
-1.0445

253.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



163.9970, 44.8645, -16.6604



172.4070, 36.7743, 58.4021



155.8070, 13.4061, 86.9923

Triad

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



172.4070, 36.7743, 58.4021



158.1830, -77.9842, 46.3205



142.9360, 39.9646, -125.3549

Complementary

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



172.4070, 36.7743, 58.4021



198.5930, -36.7743, -58.4021

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.



134.4830, 10.1149, -117.9416



172.4070, 36.7743, 58.4021



152.7680, -65.4546, -5.9355

Square

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



172.4070, 36.7743, 58.4021



161.1730, -52.3433, 82.2863



135.3430, -24.3261, -84.4928



142.9480, 55.2416, -125.3654

Rectangle

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



172.4070, 36.7743, 58.4021



151.2640, -6.5392, 90.9765



135.3430, -24.3261, -84.4928



140.4280, 30.3550, -123.1554

Sweetspot

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



172.4070, 36.7743, 58.4021



232.0960, 11.2917, 18.3328



142.7180, 51.4110, -16.4157



113.9010, 6.9508, 10.6108



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.



172.4070, 36.7743, 58.4021



162.1990, 45.7509, 72.6165



168.7570, 12.4448, 68.6191



114.9560, 3.4727, 6.1776



73.2300, 55.5956, 88.3753



23.1710, 17.6637, 27.9140

Inverse Universe

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



161.6890, -14.6367, 74.8177



148.8870, -18.1853, 93.0611



202.2430, -12.4448, -68.6191



113.7020, -1.3321, 7.2773



56.9820, -22.1761, 113.1488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 172.4070, 36.7743, 58.4021 looks on a white background.

Color Contrast Check

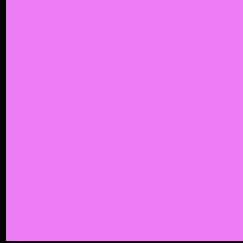
Large Text (above 18pt) WCAG AA × Fail

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 172.4070, 36.7743, 58.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

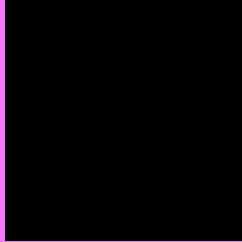
Any Text WCAG AA ✓ Pass

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 172.4070, 36.7743, 58.4021 Background



This preview shows how black text looks on a background with the YUV color 172.4070, 36.7743, 58.4021.



This preview shows how white text looks on a background with the YUV color 172.4070, 36.7743,

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

172.4070, 36.7743, 58.4021

Protanopia

167.4750, 43.1498, -26.7266

Deuteranopia

168.0320, 34.9872, -21.9531



Tritanopia

171.4730, -7.1352, 48.6972

Trichromacy



Original Color

172.4070, 36.7743, 58.4021



Protanomaly

169.3910, 40.7262, 4.0421



Deuteranomaly

169.4470, 35.7686, 7.5010



Tritanomaly

171.7350, 9.0046, 51.9754

Monochromacy



Original Color

172.4070, 36.7743, 58.4021



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.2750, 13.1754, 20.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4070, 36.7743, 58.4021 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(239, 124, 247)` looks like.

```
.text, #text, p{  
    color:rgb(239, 124, 247)  
}
```

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(239, 124, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 124, 247) }
```

Border

The CSS property to change the border of an element to YUV 172.4070, 36.7743, 58.4021 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(239, 124, 247) }
```


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

```
.border{ border-color:rgb(239, 124, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 124, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 124, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 124, 247);  
box-shadow:4px 4px 4px 4px rgb(239, 124,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 172.4070, 36.7743, 58.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 124, 247) }
```

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

```
.background{ background-color: rgb(239,  
124, 247) }
```

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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