

Converting Colors

YUV(174.1470, 34.4375,
61.2611)

Have a look what the booklet for
YUV(174.1470, 34.4375, 61.2611)
contains.

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Color

**YUV(174.1470, 34.4375,
61.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	F47DF4
RGB	244, 125, 244
RGB Percent	96%, 49%, 96%
CMY	0.0431, 0.5098, 0.0431
CMYK	0.00, 0.49, 0.00, 0.04
HSL	300°, 84%, 72%
HSV	300°, 49%, 96%
XYZ	60.9710, 40.4320, 90.1786
YIQ	174.1470, 32.7250, 62.2370

Conversions

Conversions Part 2

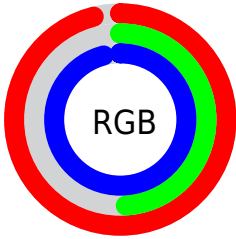
Format	Color
RYB	244, 125, 244
Decimal	16023028
CIELab	69.78, 61.49, -39.93
CIElCh	70, 73.322, 327.003
Yxy	40.4320, 0.3183, 0.2110
Android (android.graphics.Color)	4294213108 (0xFFFF47DF4)
YUV	174.1470, 34.4375, 61.2611
Hunter-Lab	63.5861, 59.8829, -39.5754

Details

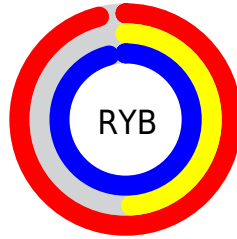
The YUV color **174.1470, 34.4375, 61.2611** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **194.8530, -34.4375, -61.2611**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5620, 21.4149, 38.0951**, and **117.1360, 34.4430, 59.5167** is the 20% darker color. If you saturate the color by 10%, you get **160.0590, 41.3829, 73.6163**, and if you desaturate by 10%, it is **188.2350, 27.4921, 48.9059**.

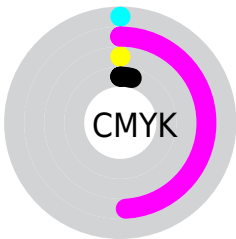
Distribution



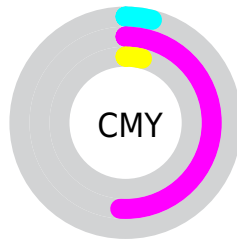
- Red (96%)
- Green (49%)
- Blue (96%)



- Red (96%)
- Yellow (49%)
- Blue (96%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1470, 34.4375, 61.2611 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 174.1470, 34.4375, 61.2611 by changing the saturation by 10% instead.


 174.1470, 34.4375,
61.2611


 174.1470, 34.4375,
61.2611


255.0000, 0.0000,
0.0000


 145.4350, 34.2955,
60.1315


 211.5620, 21.4149,
38.0951


 117.1360, 34.4430,
59.5167


 228.5850, 13.0226,
23.1660

 88.0760, 35.4585,
60.4463

 245.6080, 4.6303,
8.2368

 53.7330, 39.0786,
66.0092

 42.5110, 32.2861,
51.2949

 31.5880, 25.3461,
37.1953

 21.9750, 18.2533,

25.4549

■ 9.0020, 13.8030,
6.1372

■ 1.3680, 5.2416,
-1.1997

■ 174.1470, 34.4375,
61.2611

■ 174.1470, 34.4375,
61.2611

■ 160.0590, 41.3829,
73.6163

■ 188.2350, 27.4921,
48.9059

■ 145.3840, 48.6177,
86.4862

■ 202.9100, 20.2574,
36.0359

■ 131.2960, 55.5631,
98.8414

■ 216.9980, 13.3120,
23.6808

■ 116.6210, 62.7978,
111.7114

■ 231.6730, 6.0772,
10.8108

■ 102.5330, 69.7432,
124.0666

■ 245.7610, -0.8682,
-1.5444

■ 100.7720, 70.6114,
125.6110

■ 250.4570, -3.1833,
-5.6628

Harmonies

Analogous

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



167.2860, 43.2430, -9.8978



174.1470, 34.4375, 61.2611



157.8130, 10.9382, 85.2330

Triad

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



174.1470, 34.4375, 61.2611



159.3460, -78.5576, 43.5466



144.0930, 41.8592, -126.3696

Complementary

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



174.1470, 34.4375, 61.2611



194.8530, -34.4375, -61.2611

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.



136.3410, 12.1569, -119.5711



174.1470, 34.4375, 61.2611



154.7120, -60.4970, -9.3944

Square

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



174.1470, 34.4375, 61.2611



163.6350, -53.0641, 80.1271



135.3360, -20.3786, -90.6257



143.5350, 54.9522, -125.8802

Rectangle

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



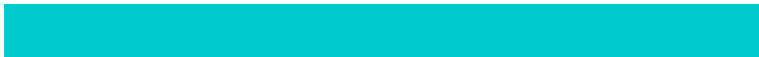
174.1470, 34.4375, 61.2611



153.9710, -8.8597, 88.6024



135.3360, -20.3786, -90.6257



142.2860, 32.3970, -124.7848

Sweetspot

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



174.1470, 34.4375, 61.2611



232.6940, 10.9969, 19.5624



138.5660, 51.9790, -11.8974



114.4990, 6.6560, 11.8404



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.



174.1470, 34.4375, 61.2611



166.9500, 43.4087, 77.2199



167.4210, 8.6664, 67.1598



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Inverse Universe

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



174.1470, 34.4375, 61.2611



166.9500, 43.4087, 77.2199



201.6930, -8.2296, -67.2598



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 174.1470, 34.4375, 61.2611 looks on a white background.

Color Contrast Check

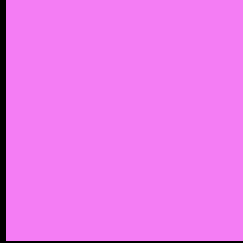
Large Text (above 18pt) WCAG AA × Fail

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 174.1470, 34.4375, 61.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

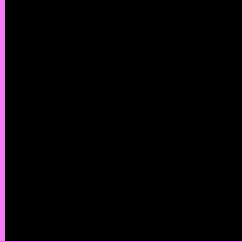
Any Text WCAG AA ✓ Pass

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 174.1470, 34.4375, 61.2611 Background



This preview shows how black text looks on a background with the YUV color 174.1470, 34.4375, 61.2611.



This preview shows how white text looks on a background with the YUV color 174.1470, 34.4375,

61.2611.

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

174.1470, 34.4375, 61.2611

Protanopia

169.5460, 42.1288, -25.9118

Deuteranopia

170.6580, 32.2136, -18.9941



Tritanopia

173.2670, -8.0196, 52.3858

Trichromacy



Original Color

174.1470, 34.4375, 61.2611



Protanomaly

171.0600, 39.4104, 6.0864



Deuteranomaly

172.0730, 32.9950, 10.4600



Tritanomaly

173.4150, 7.6834, 55.7640

Monochromacy



Original Color

174.1470, 34.4375, 61.2611



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.7590, 12.4438, 22.1364

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1470, 34.4375, 61.2611 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, 125, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 125, 244)  
}
```

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, 125, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 125, 244) }
```

Border

The CSS property to change the border of an element to YUV 174.1470, 34.4375, 61.2611 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, 125, 244) }
```


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

```
.border{ border-color:rgb(244, 125, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 125, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 125, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 125, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 125,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 174.1470, 34.4375, 61.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 125, 244) }
```

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

```
.background{ background-color: rgb(244,  
125, 244) }
```

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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