

Converting Colors

YUV(174.1420, 35.4260,
70.9125)

Have a look what the booklet for
YUV(174.1420, 35.4260, 70.9125)
contains.

YUV(174.1420, 35.4260, 70.9125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(174.1420, 35.4260,
70.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77F6
RGB	255, 119, 246
RGB Percent	100%, 47%, 96%
CMY	0.0000, 0.5333, 0.0353
CMYK	0.00, 0.53, 0.04, 0.00
HSL	304°, 100%, 73%
HSV	304°, 53%, 100%
XYZ	64.4714, 41.1075, 91.7253
YIQ	174.1420, 40.2890, 68.3290

Conversions

Conversions Part 2

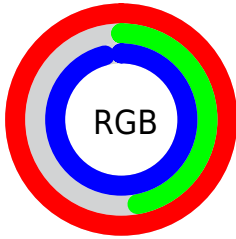
Format	Color
RYB	255, 119, 246
Decimal	16742390
CIELab	70.25, 67.55, -40.18
CIElCh	70, 78.593, 329.254
Yxy	41.1075, 0.3268, 0.2083
Android (android.graphics.Color)	4294932470 (0xFFFF77F6)
YUV	174.1420, 35.4260, 70.9125
Hunter-Lab	64.1151, 67.2904, -39.9418

Details

The YUV color **174.1420, 35.4260, 70.9125** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **199.8580, -35.4260, -70.9125**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 22.8619, 40.6691**, and **115.0710, 36.4470, 70.0977** is the 20% darker color. If you saturate the color by 10%, you get **159.2390, 41.7872, 83.9824**, and if you desaturate by 10%, it is **189.6320, 28.7754, 57.3277**.

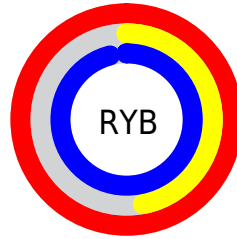
Distribution



Red (100%)

Green (47%)

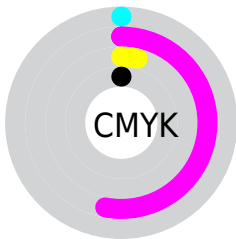
Blue (96%)



Red (100%)

Yellow (47%)

Blue (96%)

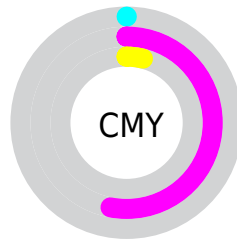


Cyan (0%)

Magenta (53%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.1420, 35.4260, 70.9125 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 174.1420, 35.4260, 70.9125 by changing the saturation by 10% instead.


 174.1420, 35.4260,
70.9125

 174.1420, 35.4260,
70.9125


255.0000, 0.0000,
0.0000

 144.8430, 35.5734,
70.2977


 208.6270, 22.8619,
40.6691


 115.0710, 36.4470,
70.0977

 225.6500, 14.4696,
25.7400

 82.1900, 39.3463,
73.5014

 243.2600, 5.7878,
10.2960

 56.6520, 38.6256,
71.3422

 45.3160, 31.3962,
56.7279

 34.2080, 25.0405,
41.9136

 24.2960, 18.0951,

29.5584

■ 12.4050, 12.6183,
12.7998

■ 2.1830, 5.8258,
-1.9145

■ 174.1420, 35.4260,
70.9125

■ 174.1420, 35.4260,
70.9125

■ 159.2390, 41.7872,
83.9824

■ 189.6320, 28.7754,
57.3277

■ 143.8630, 48.8745,
97.4671

■ 204.4210, 21.9774,
44.3578

■ 128.3730, 55.5251,
111.0519

■ 219.3240, 15.6163,
31.2879

■ 113.4700, 61.8863,
124.1218

■ 234.8140, 8.9657,
17.7031

■ 103.3770, 66.3691,
132.9734

■ 250.1900, 1.8783,
4.2184

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



167.9170, 42.9319, -3.4352



174.1420, 35.4260, 70.9125



152.7750, 11.9429, 89.6513

Triad

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



174.1420, 35.4260, 70.9125



160.5090, -79.1309, 40.7726



147.1080, 45.7958, -129.0137

Complementary

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



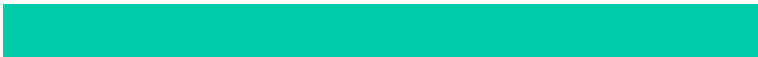
174.1420, 35.4260, 70.9125



199.8580, -35.4260, -70.9125

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.



138.9000, 14.3463, -121.8153



174.1420, 35.4260, 70.9125



153.0720, -66.5905, -14.9721

Square

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



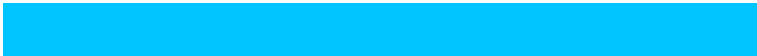
174.1420, 35.4260, 70.9125



162.6260, -59.4686, 81.0120



127.5290, -16.5298, -111.8429



144.7090, 54.3735, -126.9098

Rectangle

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



174.1420, 35.4260, 70.9125



149.6510, -10.1809, 92.3911



127.5290, -16.5298, -111.8429



144.4860, 35.7494, -126.7142

Sweetspot

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



174.1420, 35.4260, 70.9125



230.5910, 10.5546, 21.4067



136.5970, 58.3727, -9.2936



113.0970, 6.3612, 13.0699



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.



174.1420, 35.4260, 70.9125



158.0650, 42.3660, 85.0120



166.6180, 6.5973, 77.5110



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Inverse Universe

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



174.1420, 35.4260, 70.9125



158.0650, 42.3660, 85.0120



207.3820, -6.5973, -77.5110



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 174.1420, 35.4260, 70.9125 looks on a white background.

Color Contrast Check

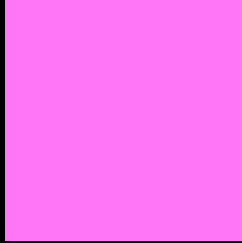
Large Text (above 18pt) WCAG AA × Fail

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 174.1420, 35.4260, 70.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

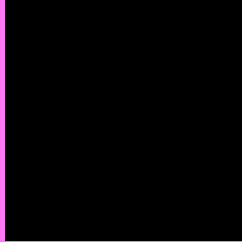
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.1420, 35.4260, 70.9125

Background



This preview shows how black text looks on a background with the YUV color 174.1420, 35.4260, 70.9125.



This preview shows how white text looks on a background with the YUV color 174.1420, 35.4260,

70.9125.

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

174.1420, 35.4260, 70.9125

Protanopia

170.7310, 41.5446, -25.1971

Deuteranopia

171.9570, 32.0662, -18.3793



Tritanopia

173.7520, -10.2307, 61.6075

Trichromacy



Original Color

174.1420, 35.4260, 70.9125



Protanomaly

172.0820, 39.3996, 9.5751



Deuteranomaly

172.5080, 33.2736, 14.4635



Tritanomaly

174.1280, 6.3459, 64.7857

Monochromacy



Original Color

174.1420, 35.4260, 70.9125



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8950, 12.8698, 25.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1420, 35.4260, 70.9125 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(255, 119, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 246)  
}
```

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(255, 119, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 246) }
```

Border

The CSS property to change the border of an element to YUV 174.1420, 35.4260, 70.9125 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(255, 119, 246) }
```


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

```
.border{ border-color:rgb(255, 119, 246) }
```

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

Here you see how a box with a 4 pixel rgb(255, 119, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 174.1420, 35.4260, 70.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 246) }
```

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

```
.background{ background-color: rgb(255,  
119, 246) }
```

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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