

Converting Colors

YUV(172.5460, 29.3108,
72.3122)

Have a look what the booklet for
YUV(172.5460, 29.3108, 72.3122)
contains.

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Color

**YUV(172.5460, 29.3108,
72.3122)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF77E8 |
| RGB | 255, 119, 232 |
| RGB Percent | 100%, 47%, 91% |
| CMY | 0.0000, 0.5333, 0.0902 |
| CMYK | 0.00, 0.53, 0.09, 0.00 |
| HSL | 310°, 100%, 73% |
| HSV | 310°, 53%, 100% |
| XYZ | 62.4023, 40.2798, 80.8298 |
| YIQ | 172.5460, 44.7830, 63.9750 |

Conversions

Conversions Part 2

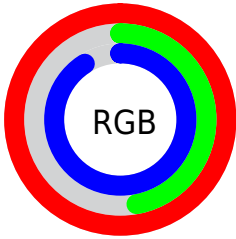
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 119, 232 |
| Decimal | 16742376 |
| CIE _{Lab} | 69.67, 65.31, -33.39 |
| CIE _{LCh} | 70, 73.347, 332.922 |
| Y _{xy} | 40.2798, 0.3400, 0.2195 |
| Android (android.graphics.Color) | 4294932456 (0xFFFF77E8) |
| YUV | 172.5460, 29.3108, 72.3122 |
| Hunter-Lab | 63.4664, 64.4410, -31.0843 |

Details

The YUV color **172.5460, 29.3108, 72.3122** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **201.4540, -29.3108, -72.3122**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 22.8619, 40.6691**, and **114.4750, 30.3318, 71.4974** is the 20% darker color. If you saturate the color by 10%, you get **157.4150, 34.7984, 85.5820**, and if you desaturate by 10%, it is **188.2640, 23.5338, 58.5275**.

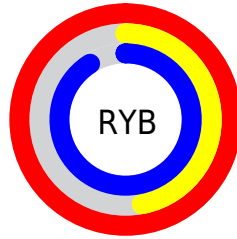
Distribution



Red (100%)

Green (47%)

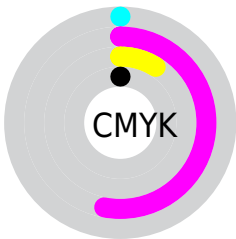
Blue (91%)



Red (100%)

Yellow (47%)

Blue (91%)

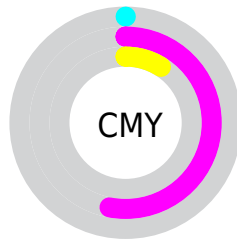


Cyan (0%)

Magenta (53%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.5460, 29.3108, 72.3122 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 172.5460, 29.3108, 72.3122 by changing the saturation by 10% instead.

 172.5460, 29.3108,
72.3122


 172.5460, 29.3108,
72.3122


255.0000, 0.0000,
0.0000

 143.9480, 29.6056,
71.0826


 208.6270, 22.8619,
40.6691


 114.4750, 30.3318,
71.4974


 225.6500, 14.4696,
25.7400

 81.5940, 33.2312,
74.9011

 242.6730, 6.0772,
10.8108

 55.2840, 33.3840,
72.5419

 44.0620, 26.5914,
57.8276

 33.1390, 19.6515,
43.7281

 23.1560, 13.7271,

30.5582

■ 11.2650, 8.2504,
13.7996

■ 0.0000, 0.0000,
0.0000

■ 172.5460, 29.3108,
72.3122

■ 172.5460, 29.3108,
72.3122

■ 157.4150, 34.7984,
85.5820

■ 188.2640, 23.5338,
58.5275

■ 141.5830, 40.1386,
99.4667

■ 203.5090, 18.4831,
45.1576

■ 125.8650, 45.9156,
113.2514

■ 218.6400, 12.9955,
31.8877

■ 110.7340, 51.4031,
126.5213

■ 234.3580, 7.2185,
18.1030

■ 100.4130, 55.0124,
135.5728

■ 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.



170.3420, 41.7364, 6.7161



172.5460, 29.3108, 72.3122



155.0430, 5.4018, 87.6623

Triad

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



172.5460, 29.3108, 72.3122



158.1060, -77.9463, 34.1100



144.8740, 47.3901, -127.0545

Complementary

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



172.5460, 29.3108, 72.3122



201.4540, -29.3108, -72.3122

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.



137.9370, 18.2721, -120.9707



172.5460, 29.3108, 72.3122



153.3560, -53.9125, -21.3602

Square

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



172.5460, 29.3108, 72.3122



164.1090, -58.7207, 74.4494



127.7230, -10.7094, -112.0131



142.3610, 55.5310, -124.8506

Rectangle

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



172.5460, 29.3108, 72.3122



153.6630, -15.1169, 88.8725



127.7230, -10.7094, -112.0131



143.0670, 37.9280, -125.4698

Sweetspot

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



172.5460, 29.3108, 72.3122



230.1350, 8.8074, 21.8066



141.3810, 56.0142, 0.5429



112.7550, 5.0508, 13.3699



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.



172.5460, 29.3108, 72.3122



156.1270, 34.9404, 86.7116



164.7940, -0.3914, 79.1107



120.0270, 2.4517, 6.9923



75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Inverse Universe

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



172.5460, 29.3108, 72.3122



156.1270, 34.9404, 86.7116



209.2060, 0.3914, -79.1107



120.0270, 2.4517, 6.9923



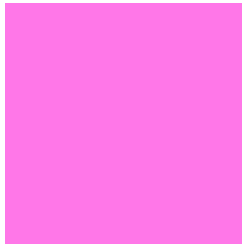
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 172.5460, 29.3108, 72.3122 looks on a white background.

Color Contrast Check

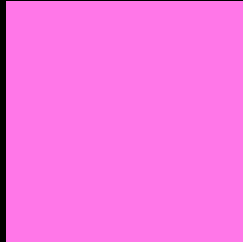
Large Text (above 18pt) WCAG AA × Fail

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 172.5460, 29.3108, 72.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

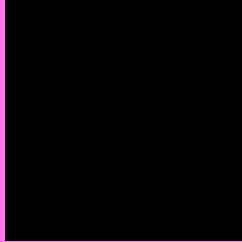
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5460, 29.3108, 72.3122

Background



This preview shows how black text looks on a background with the YUV color 172.5460, 29.3108, 72.3122.



This preview shows how white text looks on a background with the YUV color 172.5460, 29.3108,

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

172.5460, 29.3108, 72.3122

Protanopia

169.5460, 42.1288, -25.9118

Deuteranopia

171.3940, 25.9348, -11.7465



Tritanopia

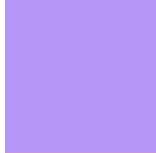
172.1330, -11.4046, 64.7814

Trichromacy



Original Color

172.5460, 29.3108, 72.3122



Protanomaly

170.6260, 37.6524, 9.9750



Deuteranomaly

171.6350, 27.2949, 18.7371



Tritanomaly

172.3410, 3.2829, 67.2299

Monochromacy



Original Color

172.5460, 29.3108, 72.3122



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.6240, 10.5384, 26.6398

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5460, 29.3108, 72.3122 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 232) }
```

Border

The CSS property to change the border of an element to YUV 172.5460, 29.3108, 72.3122 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, 232) }
```


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

```
.border{ border-color:rgb(255, 119, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 172.5460, 29.3108, 72.3122 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
119, 232) }
```

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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