

Converting Colors

YUV(172.2430, 5.3032, 72.5779)

Have a look what the booklet for
YUV(172.2430, 5.3032, 72.5779)
contains.

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Color

**YUV(172.2430, 5.3032,
72.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80B7
RGB	255, 128, 183
RGB Percent	100%, 50%, 72%
CMY	0.0000, 0.4980, 0.2824
CMYK	0.00, 0.50, 0.28, 0.00
HSL	334°, 100%, 75%
HSV	334°, 50%, 100%
XYZ	57.5064, 40.1172, 49.5122
YIQ	172.2430, 58.0370, 44.0290

Conversions

Conversions Part 2

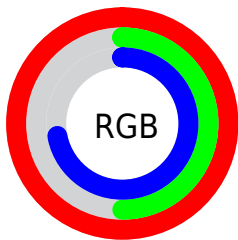
Format	Color
R _Y B	255, 128, 183
Decimal	16744631
CIE Lab	69.55, 54.13, -6.29
CIE LCh	70, 54.494, 353.370
Yxy	40.1172, 0.3908, 0.2727
Android (android.graphics.Color)	4294934711 (0xFFFF80B7)
YUV	172.2430, 5.3032, 72.5779
Hunter-Lab	63.3382, 51.2231, -2.0110

Details

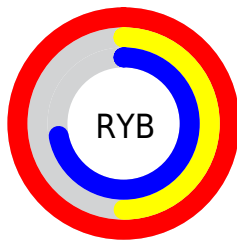
The YUV color **172.2430, 5.3032, 72.5779** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.7570, -5.3032, -72.5779**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4990, 13.5580, 38.1504**, and **115.9760, 6.9138, 69.3040** is the 20% darker color. If you saturate the color by 10%, you get **155.9720, 6.4228, 86.8476**, and if you desaturate by 10%, it is **189.1010, 3.8942, 57.7934**.

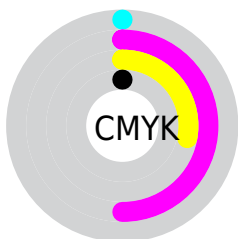
Distribution



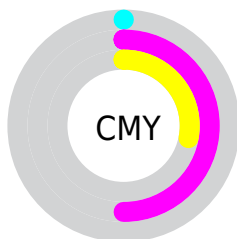
- Red (100%)
- Green (50%)
- Blue (72%)



- Red (100%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2430, 5.3032, 72.5779 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 172.2430, 5.3032, 72.5779 by changing the saturation by 10% instead.

172.2430, 5.3032,
72.5779

172.2430, 5.3032,
72.5779

255.0000, 0.0000,
0.0000

144.3460, 5.7454,
70.7336

211.4990, 13.5580,
38.1504

115.9760, 6.9138,
69.3040

230.3460, 12.1544,
21.6216

87.4320, 8.6610,
68.9041

247.3690, 3.7621,
6.6924

52.8440, 13.8809,
74.6818

39.5020, 9.1195,
61.8267

28.6220, 3.6374,
46.8125

19.0520, -1.9976,

34.1574

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 172.2430, 5.3032,
72.5779

■ 172.2430, 5.3032,
72.5779

■ 155.9720, 6.4228,
86.8476

■ 189.1010, 3.8942,
57.7934

■ 139.0000, 7.3950,
101.7320

■ 205.4860, 3.2114,
43.4238

■ 122.1420, 8.8040,
116.5165

■ 222.3440, 1.8024,
28.6393

■ 105.7570, 9.4868,
130.8861

■ 238.7290, 1.1196,
14.2697

■ 88.8990, 10.8958, 255.0000, 0.0000,
145.6706 0.0000

■ 88.7850, 10.4590,
145.7706

Harmonies

Analogous

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



174.6530, 26.7931, 39.7693



172.2430, 5.3032, 72.5779



167.7170, -17.1155, 76.5472

Triad

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



172.2430, 5.3032, 72.5779



161.3490, -43.0631, -1.1831



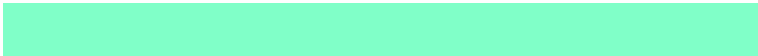
139.8020, 53.3416, -122.6064

Complementary

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



172.2430, 5.3032, 72.5779



210.7570, -5.3032, -72.5779

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.



137.5900, 34.7121, -120.6664



172.2430, 5.3032, 72.5779



153.2690, -21.8246, -46.7169

Square

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



172.2430, 5.3032, 72.5779



165.6250, -48.1291, 37.1629



131.7760, 12.4354, -115.5676



134.1540, 59.5771, -115.8991

Rectangle

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



172.2430, 5.3032, 72.5779



168.7970, -31.9449, 72.9690



131.7760, 12.4354, -115.5676



139.7220, 47.9581, -122.5362

Sweetspot

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



172.2430, 5.3032, 72.5779



230.1860, 1.3873, 21.7619



164.0060, 44.8600, 31.5667



112.9030, 0.5408, 13.2401



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.



172.2430, 5.3032, 72.5779



155.2710, 6.2754, 87.4623



170.6690, -21.0358, 73.9583



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Inverse Universe

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



172.2430, 5.3032, 72.5779



155.2710, 6.2754, 87.4623



212.3310, 21.0358, -73.9583



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 172.2430, 5.3032, 72.5779 looks on a white background.

Color Contrast Check

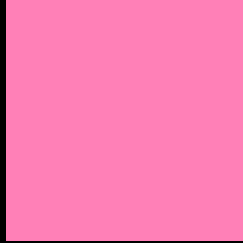
Large Text (above 18pt) WCAG AA × Fail

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 172.2430, 5.3032, 72.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

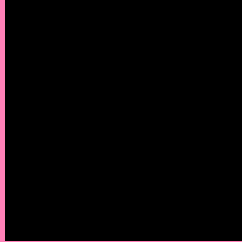
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.2430, 5.3032, 72.5779

Background



This preview shows how black text looks on a background with the YUV color 172.2430, 5.3032, 72.5779.



This preview shows how white text looks on a background with the YUV color 172.2430, 5.3032,

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

172.2430, 5.3032, 72.5779

Protanopia

171.1680, 18.6512, -8.9173

Deuteranopia

172.0490, 2.4408, 10.4810



Tritanopia

171.1230, -12.8786, 70.9291

Trichromacy



Original Color

172.2430, 5.3032, 72.5779



Protanomaly

171.5030, 14.0490, 20.6069



Deuteranomaly

172.4200, 3.2439, 32.9577



Tritanomaly

171.2570, -6.0427, 71.6886

Monochromacy



Original Color

172.2430, 5.3032, 72.5779



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.0340, 1.9552, 26.2802

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2430, 5.3032, 72.5779 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, 128, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 183)  
}
```

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, 128, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 183) }
```

Border

The CSS property to change the border of an element to YUV 172.2430, 5.3032, 72.5779 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, 128, 183) }
```


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

```
.border{ border-color:rgb(255, 128, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 172.2430, 5.3032, 72.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 183) }
```

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

```
.background{ background-color: rgb(255,  
128, 183) }
```

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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