

Converting Colors

YUV(171.0230, -4.4483,
73.6478)

Have a look what the booklet for
YUV(171.0230, -4.4483, 73.6478)
contains.

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Color

**YUV(171.0230, -4.4483,
73.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82A2
RGB	255, 130, 162
RGB Percent	100%, 51%, 64%
CMY	0.0000, 0.4902, 0.3647
CMYK	0.00, 0.49, 0.36, 0.00
HSL	345°, 100%, 75%
HSV	345°, 49%, 100%
XYZ	55.7442, 39.8339, 38.9331
YIQ	171.0230, 64.2280, 36.4520

Conversions

Conversions Part 2

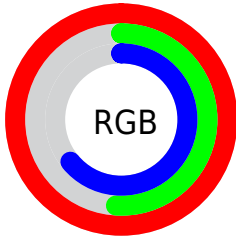
Format	Color
RYB	255, 130, 162
Decimal	16745122
CIELab	69.35, 50.63, 5.20
CIElCh	69, 50.901, 5.866
Yxy	39.8339, 0.4144, 0.2961
Android (android.graphics.Color)	4294935202 (0xFFFF82A2)
YUV	171.0230, -4.4483, 73.6478
Hunter-Lab	63.1141, 47.2067, 7.6058

Details

The YUV color **171.0230, -4.4483, 73.6478** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **213.9770, 4.4483, -73.6478**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1650, 3.3697, 39.3203**, and **115.5710, -2.2535, 69.6592** is the 20% darker color. If you saturate the color by 10%, you get **154.1820, -5.5127, 88.4174**, and if you desaturate by 10%, it is **187.8640, -3.3840, 58.8783**.

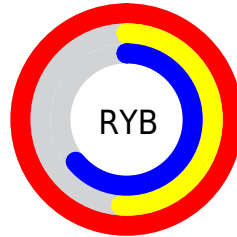
Distribution



Red (100%)

Green (51%)

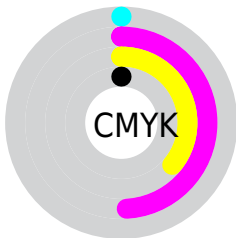
Blue (64%)



Red (100%)

Yellow (51%)

Blue (64%)

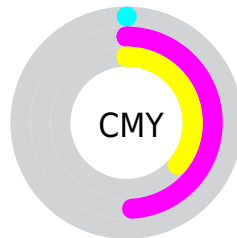


Cyan (0%)

Magenta (49%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0230, -4.4483, 73.6478 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 171.0230, -4.4483, 73.6478 by changing the saturation by 10% instead.


 171.0230, -4.4483,
73.6478

 171.0230, -4.4483,
73.6478


255.0000, 0.0000,
0.0000


 143.2400, -3.5693,
71.7035

 210.1650, 3.3697,
39.3203

 115.5710, -2.2535,
69.6592


 229.7930, 7.4971,
22.1065

 87.6140, -0.7957,
68.7445

 247.9560, 3.4727,
6.1776

 56.3630, 3.2720,
70.7186

 37.0800, 2.4256,
62.1968

 26.3140, -2.6198,
47.0826

 16.9720, -7.3812,

34.2276

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 171.0230, -4.4483,
73.6478

■ 171.0230, -4.4483,
73.6478

■ 154.1820, -5.5127,
88.4174

■ 187.8640, -3.3840,
58.8783

■ 136.7540, -6.2877,
103.7017

■ 205.2920, -2.6090,
43.5939

■ 119.3260, -7.0627,
118.9861

■ 222.7200, -1.8340,
28.3096

■ 102.4850, -8.1271,
133.7557

■ 239.5610, -0.7696,
13.5400

■ 85.0570, -8.9021, 255.0000, 0.0000,
149.0400 0.0000

■ 83.6550, -9.1969,
150.2696

Harmonies

Analogous

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



174.0970, 16.7142, 52.5349



171.0230, -4.4483, 73.6478



168.9200, -25.1036, 71.9842

Triad

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



171.0230, -4.4483, 73.6478



158.8830, -32.9733, -17.4374



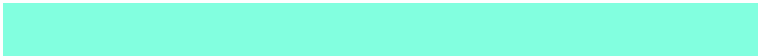
136.8500, 57.2619, -120.0174

Complementary

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



171.0230, -4.4483, 73.6478



213.9770, 4.4483, -73.6478

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.



137.4250, 41.6955, -120.5217



171.0230, -4.4483, 73.6478



148.4760, -9.1087, -65.3155

Square

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



171.0230, -4.4483, 73.6478



164.4380, -44.5859, 20.6639



133.4690, 21.4608, -117.0523



160.8420, 46.4199, -48.9734

Rectangle

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



171.0230, -4.4483, 73.6478



168.4550, -36.7063, 60.1140



133.4690, 21.4608, -117.0523



137.6990, 52.8994, -120.7620

Sweetspot

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



171.0230, -4.4483, 73.6478



229.5020, -1.2335, 22.3617



171.7580, 41.0383, 44.0622



112.4470, -1.2064, 13.6400



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.



171.0230, -4.4483, 73.6478



154.1820, -5.5127, 88.4174



184.3980, -26.8182, 61.9180



119.2290, -0.6059, 7.6922



62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Inverse Universe

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



171.0230, -4.4483, 73.6478



154.1820, -5.5127, 88.4174



200.6020, 26.8182, -61.9180



119.2290, -0.6059, 7.6922



62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 171.0230, -4.4483, 73.6478 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 171.0230, -4.4483, 73.6478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

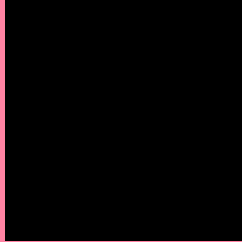
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0230, -4.4483, 73.6478

Background



This preview shows how black text looks on a background with the YUV color 171.0230, -4.4483, 73.6478.



This preview shows how white text looks on a background with the YUV color 171.0230, -4.4483,

73.6478.

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

171.0230, -4.4483, 73.6478

Protanopia

170.7100, 6.5520, -1.4997

Deuteranopia

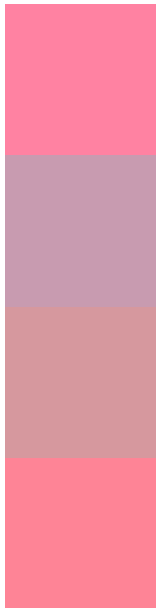
171.1610, -7.4744, 17.3988



Tritanopia

170.0200, -13.3209, 72.7735

Trichromacy



Original Color

171.0230, -4.4483, 73.6478

Protanomaly

170.8490, 2.5394, 25.5654

Deuteranomaly

171.2220, -6.5184, 37.5163

Tritanomaly

170.5300, -10.1213, 73.2032

Monochromacy



Original Color

171.0230, -4.4483, 73.6478

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1220, -1.5391, 27.0800

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0230, -4.4483, 73.6478 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, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 162)  
}
```

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, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 162) }
```

Border

The CSS property to change the border of an element to YUV 171.0230, -4.4483, 73.6478 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, 130, 162) }
```


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

```
.border{ border-color:rgb(255, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 171.0230, -4.4483, 73.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 162) }
```

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

```
.background{ background-color: rgb(255,  
130, 162) }
```

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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