

Converting Colors

YUV(173.5770, 15.4915,
71.4080)

Have a look what the booklet for
YUV(173.5770, 15.4915, 71.4080)
contains.

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Color

**YUV(173.5770, 15.4915,
71.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7ECD
RGB	255, 126, 205
RGB Percent	100%, 49%, 80%
CMY	0.0000, 0.5059, 0.1961
CMYK	0.00, 0.51, 0.20, 0.00
HSL	323°, 100%, 75%
HSV	323°, 51%, 100%
XYZ	59.7203, 40.5895, 62.4446
YIQ	173.5770, 51.5250, 51.9170

Conversions

Conversions Part 2

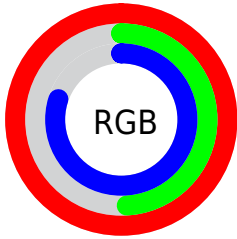
Format	Color
R _Y B	255, 126, 205
Decimal	16744141
CIE Lab	69.89, 58.05, -18.08
CIE LCh	70, 60.798, 342.696
Yxy	40.5895, 0.3669, 0.2494
Android (android.graphics.Color)	4294934221 (0xFFFF7ECD)
YUV	173.5770, 15.4915, 71.4080
Hunter-Lab	63.7099, 55.8299, -13.5155

Details

The YUV color **173.5770, 15.4915, 71.4080** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **207.4230, -15.4915, -71.4080**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **116.9080, 16.8074, 69.3637** is the 20% darker color. If you saturate the color by 10%, you get **157.7620, 18.3583, 85.2777**, and if you desaturate by 10%, it is **189.9790, 12.3354, 57.0234**.

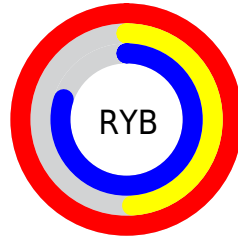
Distribution



Red (100%)

Green (49%)

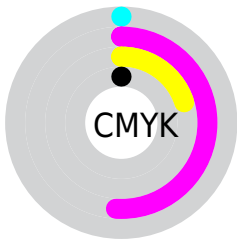
Blue (80%)



Red (100%)

Yellow (49%)

Blue (80%)

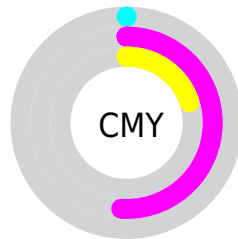


Cyan (0%)

Magenta (51%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.5770, 15.4915, 71.4080 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 173.5770, 15.4915, 71.4080 by changing the saturation by 10% instead.


 173.5770, 15.4915,
71.4080


 173.5770, 15.4915,
71.4080


255.0000, 0.0000,
0.0000


 144.9790, 15.7864,
70.1784


 212.1490, 21.1255,
37.5803


 116.9080, 16.8074,
69.3637


 229.1720, 12.7332,
22.6512

 87.6630, 18.4071,
69.5785

 246.1950, 4.3409,
7.7220

 52.6620, 23.3376,
74.8414

 41.5540, 16.9819,
60.0271

 30.8590, 10.9155,
45.7277

 21.2890, 5.2805,

33.0725

■ 8.3010, -3.1064,
16.3990

■ 0.0000, 0.0000,
0.0000

■ 173.5770, 15.4915,
71.4080

■ 173.5770, 15.4915,
71.4080

■ 157.7620, 18.3583,
85.2777

■ 189.9790, 12.3354,
57.0234

■ 141.3600, 21.5145,
99.6623

■ 205.7940, 9.4686,
43.1537

■ 124.9580, 24.6707,
114.0468

■ 222.1960, 6.3124,
28.7691

■ 109.1430, 27.5375,
127.9166

■ 238.0110, 3.4456,
14.8994

■ 94.0290, 30.5517, 254.2990, -0.1474,
141.1716 0.6148

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.



175.4260, 37.7510, 25.0594



173.5770, 15.4915, 71.4080



164.2580, -7.5222, 79.5807

Triad

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



173.5770, 15.4915, 71.4080



162.4020, -53.4422, 14.5564



142.2810, 50.1475, -124.7804

Complementary

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



173.5770, 15.4915, 71.4080



207.4230, -15.4915, -71.4080

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.



138.2280, 27.0026, -121.2260



173.5770, 15.4915, 71.4080



155.0290, -34.5243, -33.3514

Square

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



173.5770, 15.4915, 71.4080



166.3990, -51.9617, 53.1471



130.5560, 2.6839, -114.4976



138.2520, 57.5568, -121.2470

Rectangle

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



173.5770, 15.4915, 71.4080



164.9640, -25.1253, 78.9616



130.5560, 2.6839, -114.4976



141.7450, 43.0167, -124.3104

Sweetspot

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



173.5770, 15.4915, 71.4080



230.9840, 4.4449, 21.0620



155.3570, 49.1240, 17.2269



113.4730, 2.7248, 12.7402



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.



173.5770, 15.4915, 71.4080



156.5880, 18.9371, 86.3073



166.2810, -12.4635, 77.8066



119.7990, 1.5781, 7.1923



70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466

Inverse Universe

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



173.5770, 15.4915, 71.4080



156.5880, 18.9371, 86.3073



214.7190, 12.4635, -77.8066



119.7990, 1.5781, 7.1923



70.4470, 22.9506, 105.7250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 173.5770, 15.4915, 71.4080 looks on a white background.

Color Contrast Check

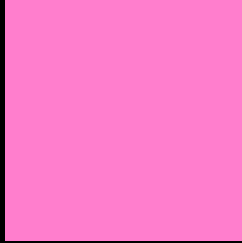
Large Text (above 18pt) WCAG AA × Fail

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 173.5770, 15.4915, 71.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

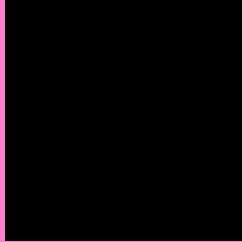
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5770, 15.4915, 71.4080

Background



This preview shows how black text looks on a background with the YUV color 173.5770, 15.4915, 71.4080.



This preview shows how white text looks on a background with the YUV color 173.5770, 15.4915,

71.4080.

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

173.5770, 15.4915, 71.4080

Protanopia

171.2560, 31.9188, -17.7645

Deuteranopia

172.9260, 12.3615, 1.8189



Tritanopia

172.3290, -11.9942, 67.2405

Trichromacy



Original Color

173.5770, 15.4915, 71.4080



Protanomaly

171.9720, 26.1428, 14.9336



Deuteranomaly

173.1340, 13.7379, 27.0695



Tritanomaly

172.9730, -1.9587, 68.4297

Monochromacy



Original Color

173.5770, 15.4915, 71.4080



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9460, 5.4496, 25.4804

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5770, 15.4915, 71.4080 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, 126, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 205)  
}
```

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, 126, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 205) }
```

Border

The CSS property to change the border of an element to YUV 173.5770, 15.4915, 71.4080 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, 126, 205) }
```


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

```
.border{ border-color:rgb(255, 126, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 173.5770, 15.4915, 71.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 205) }
```

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

```
.background{ background-color: rgb(255,  
126, 205) }
```

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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