

Converting Colors

XYZ(90.0580, 70.0733, 80.1850)

Have a look what the booklet for
XYZ(90.0580, 70.0733, 80.1850)
contains.

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Color

**XYZ(71.7641, 60.5632,
79.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7E1
RGB	255, 183, 225
RGB Percent	100%, 72%, 88%
CMY	0.0000, 0.2823, 0.1176
CMYK	0.00, 0.28, 0.12, 0.00
HSL	325°, 100%, 86%
HSV	325°, 28%, 100%
XYZ	71.7641, 60.5632, 79.1417
YIQ	209.3160, 29.4300, 28.3260

Conversions

Conversions Part 2

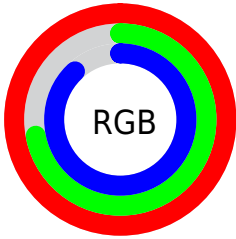
Format	Color
R_{YB}	255, 183, 225
Decimal	16758753
CIE _{Lab}	82.14, 32.26, -10.61
CIE _{LCh}	82, 33.963, 341.796
Yxy	60.5632, 0.3394, 0.2864
Android (android.graphics.Color)	4294948833 (0xFFFFB7E1)
YUV	209.3160, 7.7322, 40.0649
Hunter-Lab	77.8224, 28.4151, -5.8195

Details

The XYZ color **71.7641, 60.5632, 79.1417** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.3007, 86.3923, 76.0822**, and the grayscale version is **60.7495, 63.9133, 69.6015**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **38.1319, 30.4731, 41.9023** is the 20% darker color. If you saturate the color by 10%, you get **65.5684, 50.4198, 70.1464**, and if you desaturate by 10%, it is **79.0056, 72.6533, 88.9322**.

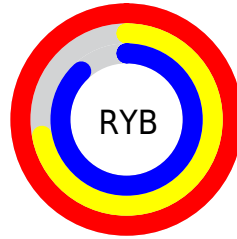
Distribution



Red (100%)

Green (72%)

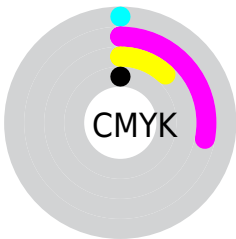
Blue (88%)



Red (100%)

Yellow (72%)

Blue (88%)

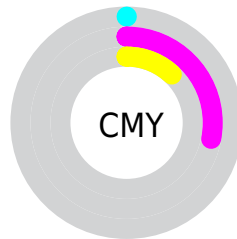


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7641, 60.5632, 79.1417 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 XYZ color 71.7641, 60.5632, 79.1417 by changing the saturation by 10% instead.

71.7641, 60.5632,
79.1417

71.7641, 60.5632,
79.1417

455.8905,
426.6706, 511.6659

53.2508, 43.8727,
58.4903

120.7337,
105.6462, 133.9588

38.2313, 30.5705,
41.7857

151.9207,
134.8076, 168.9616

26.3403, 20.2720,
28.6092

188.0629,
168.8947, 209.5853

17.2124, 12.5929,
18.5423

229.5258,
208.2920, 256.2484

10.4823, 7.1488,
11.1666

276.6746,
253.3838, 309.3695

5.7846, 3.5554,
6.0634

329.8748,

2.7539, 1.4281,

304.5546, 369.3670

2.8143

389.4916,
362.1888, 436.6597

■ 1.0250, 0.2373,
1.0006

■ 0.0000, 0.0000,
0.0000

■ 71.7641, 60.5632,
79.1417

■ 71.7641, 60.5632,
79.1417

■ 65.5684, 50.4198,
70.1464

■ 79.0056, 72.6533,
88.9322

■ 60.3612, 42.1118,
61.9169

■ 87.3378, 86.7784,
99.5385

■ 56.0859, 35.5285,
54.4268

95.0500, 100.0000,
108.9000

■ 52.6781, 30.5438,
47.6462

■ 50.0646, 27.0144,
41.5419

■ 48.1594, 24.7708,
36.0762

■ 46.8443, 23.5800,
31.2003

■ 46.6445, 23.4218,
30.3898

Harmonies

Analogous

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



67.3072, 60.5632, 100.1961



71.7641, 60.5632, 79.1417



72.2298, 60.5632, 58.1544

Triad

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



71.7641, 60.5632, 79.1417



54.7755, 60.5632, 34.2112



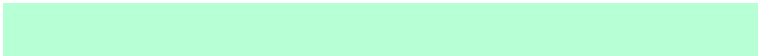
47.8335, 60.5632, 96.1048

Complementary

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



71.7641, 60.5632, 79.1417



67.3007, 86.3923, 76.0822

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.



45.0304, 60.5632, 74.3977



71.7641, 60.5632, 79.1417



48.8087, 60.5632, 40.5492

Square

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



71.7641, 60.5632, 79.1417



62.0044, 60.5632, 34.9583



45.3719, 60.5632, 54.3000



53.3399, 60.5632, 111.3116

Rectangle

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



71.7641, 60.5632, 79.1417



70.1698, 60.5632, 47.1562



45.3719, 60.5632, 54.3000



46.5654, 60.5632, 89.1549

Sweetspot

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



71.7655, 60.5657, 79.1429



87.5453, 87.1324, 99.7955



62.4263, 55.2361, 101.9792



18.4538, 18.1648, 21.0068



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7655, 60.5657, 79.1429



68.0676, 54.4840, 73.8594



67.3606, 58.8038, 55.9472



18.4538, 18.1648, 21.0068



24.4489, 12.2689, 16.2804



2.4350, 1.2164, 1.8721

Inverse Universe

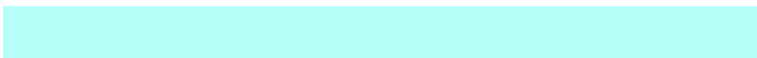
The Inverse Universe completely reimagines the original color for something new.



71.7655, 60.5657, 79.1429



68.0676, 54.4840, 73.8594



72.3888, 88.4276, 102.8759



18.4538, 18.1648, 21.0068



24.4489, 12.2689, 16.2804



2.4350, 1.2164, 1.8721

Previews

White Background



This preview shows how the XYZ color 71.7641, 60.5632, 79.1417 looks on a white background.

Color Contrast Check

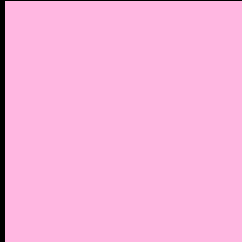
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.7641, 60.5632, 79.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

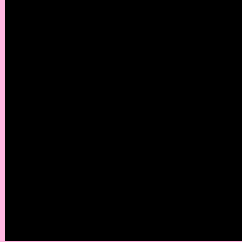
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7641, 60.5632, 79.1417

Background



This preview shows how black text looks on a background with the XYZ color 71.7641, 60.5632, 79.1417.



This preview shows how white text looks on a background with the XYZ color 71.7641, 60.5632,

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

71.7641, 60.5632, 79.1417

Protanopia

60.0773, 60.8907, 89.4756

Deuteranopia

62.2235, 60.8725, 77.5773



Tritanopia

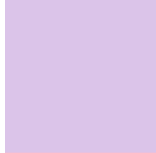
68.5759, 60.5004, 63.9405

Trichromacy



Original Color

71.7641, 60.5632, 79.1417



Protanomaly

63.6613, 60.4231, 85.3983



Deuteranomaly

65.3442, 60.4566, 78.0373



Tritanomaly

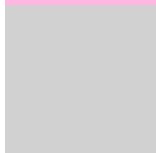
69.6998, 60.6536, 69.0065

Monochromacy



Original Color

71.7641, 60.5632, 79.1417



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.2840, 62.3836, 72.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7641, 60.5632, 79.1417 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, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 225)  
}
```

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, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.7641, 60.5632, 79.1417 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, 183, 225) }
```


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

```
.border{ border-color:rgb(255, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7641, 60.5632, 79.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 225) }
```

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

```
.background{ background-color: rgb(255,  
183, 225) }
```

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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