

Converting Colors

XYZ(137.9366, 94.4745,
82.4616)

Have a look what the booklet for
XYZ(137.9366, 94.4745, 82.4616)
contains.

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Color

**XYZ(71.5586, 60.1521,
79.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E1
RGB	255, 182, 225
RGB Percent	100%, 71%, 88%
CMY	0.0000, 0.2863, 0.1176
CMYK	0.00, 0.29, 0.12, 0.00
HSL	325°, 100%, 86%
HSV	325°, 29%, 100%
XYZ	71.5586, 60.1521, 79.0731
YIQ	208.7290, 29.7050, 28.8490

Conversions

Conversions Part 2

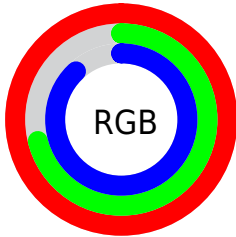
Format	Color
R_{YB}	255, 182, 225
Decimal	16758497
CIE _{Lab}	81.92, 32.79, -10.94
CIE _{LCh}	82, 34.565, 341.545
Yxy	60.1521, 0.3395, 0.2854
Android (android.graphics.Color)	4294948577 (0xFFFFB6E1)
YUV	208.7290, 8.0216, 40.5797
Hunter-Lab	77.5578, 28.9667, -6.1580

Details

The XYZ color **71.5586, 60.1521, 79.0731** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9370, 86.2195, 75.4046**, and the grayscale version is **60.3649, 63.5086, 69.1608**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **38.0008, 30.2109, 41.8586** is the 20% darker color. If you saturate the color by 10%, you get **65.4178, 50.0888, 70.1881**, and if you desaturate by 10%, it is **78.7406, 72.1571, 88.7398**.

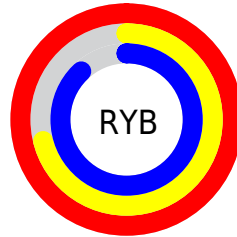
Distribution



Red (100%)

Green (71%)

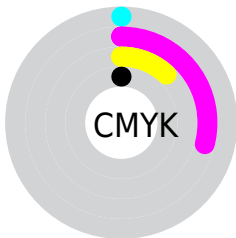
Blue (88%)



Red (100%)

Yellow (71%)

Blue (88%)

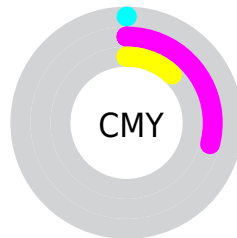


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5586, 60.1521, 79.0731 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 71.5586, 60.1521, 79.0731 by changing the saturation by 10% instead.


 71.5586, 60.1521,
79.0731

 71.5586, 60.1521,
79.0731


455.1853,
425.1582, 511.4278

 53.0824, 43.5412,
58.4342


 120.4430,
105.0503, 133.8614

 38.0963, 30.3100,
41.7408

151.5818,
134.1064, 168.8479

 26.2350, 20.0740,
28.5744


187.6722,
168.0797, 209.4540

 17.1331, 12.4489,
18.5163

229.0795,
207.3546, 256.0982

 10.4253, 7.0501,
11.1480

276.1692,
252.3155, 309.1992

 5.7463, 3.4935,
6.0511

329.3064,

 2.7306, 1.3945,

303.3468, 369.1754

2.8069

388.8567,
360.8329, 436.4454

■ 1.0130, 0.2126,
0.9969

■ 0.0000, 0.0000,
0.0000

■ 71.5586, 60.1521,
79.0731

■ 71.5586, 60.1521,
79.0731

■ 65.4178, 50.0888,
70.1881

■ 78.7406, 72.1571,
88.7398

■ 60.2611, 41.8558,
62.0556

■ 87.0091, 86.1925,
99.2083

■ 56.0317, 35.3419,
54.6495

95.0500, 100.0000,
108.9000

■ 52.6648, 30.4205,
47.9402

■ 50.0871, 26.9474,
41.8948

■ 48.2119, 24.7520,
36.4757

■ 46.9162, 23.5914,
31.6330

■ 46.7612, 23.4685,
31.0044

Harmonies

Analogous

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



67.0035, 60.1521, 100.4524



71.5586, 60.1521, 79.0731



72.0687, 60.1521, 57.7698

Triad

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



71.5586, 60.1521, 79.0731



54.4074, 60.1521, 33.4591



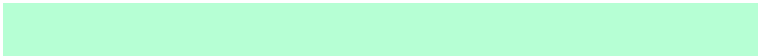
47.2912, 60.1521, 95.9613

Complementary

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



71.5586, 60.1521, 79.0731



66.9370, 86.2195, 75.4046

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.



44.4853, 60.1521, 73.8808



71.5586, 60.1521, 79.0731



48.3539, 60.1521, 39.7654

Square

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



71.5586, 60.1521, 79.0731



61.7356, 60.1521, 34.2675



44.8570, 60.1521, 53.5684



52.8405, 60.1521, 111.5448

Rectangle

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



71.5586, 60.1521, 79.0731



69.9984, 60.1521, 46.6233



44.8570, 60.1521, 53.5684



46.0181, 60.1521, 88.8760

Sweetspot

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



71.5599, 60.1546, 79.0743



86.6790, 85.6287, 98.8011



61.7015, 54.5572, 101.8863



18.2818, 17.8656, 20.8116



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.



71.5599, 60.1546, 79.0743



68.1328, 54.5101, 74.2028



67.1876, 58.4057, 56.0503



18.4583, 18.1666, 21.0306



24.5098, 12.2932, 16.6009



2.4408, 1.2187, 1.9025

Inverse Universe

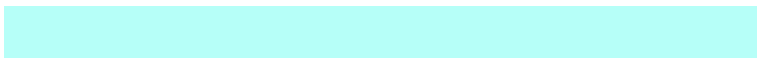
The Inverse Universe completely reimagines the original color for something new.



71.5599, 60.1546, 79.0743



68.1328, 54.5101, 74.2028



71.9496, 88.2245, 101.8005



18.4583, 18.1666, 21.0306



24.5098, 12.2932, 16.6009



2.4408, 1.2187, 1.9025

Previews

White Background



This preview shows how the XYZ color 71.5586, 60.1521, 79.0731 looks on a white background.

Color Contrast Check

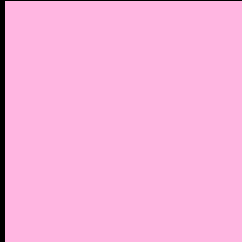
Large Text (above 18pt) WCAG AA × Fail

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 71.5586, 60.1521, 79.0731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

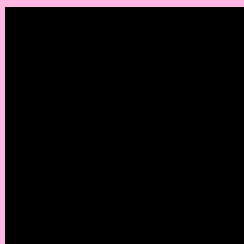
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5586, 60.1521, 79.0731

Background



This preview shows how black text looks on a background with the XYZ color 71.5586, 60.1521, 79.0731.



This preview shows how white text looks on a background with the XYZ color 71.5586, 60.1521,

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

71.5586, 60.1521, 79.0731

Protanopia

59.5791, 60.2844, 89.3848

Deuteranopia

61.6978, 60.2610, 77.4870



Tritanopia

68.2464, 60.0303, 63.2484

Trichromacy



Original Color

71.5586, 60.1521, 79.0731



Protanomaly

63.1365, 59.8188, 85.3093



Deuteranomaly

64.8020, 59.8500, 77.9488



Tritanomaly

69.4898, 60.2337, 68.9365

Monochromacy



Original Color

71.5586, 60.1521, 79.0731



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.0532, 61.9219, 72.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5586, 60.1521, 79.0731 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, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.5586, 60.1521, 79.0731 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, 182, 225) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 225); box-shadow:4px 4px 4px 4px rgb(255, 182, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5586, 60.1521, 79.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 225) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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