

Converting Colors

XYZ(72.9756, 62.9107, 79.7787)

Have a look what the booklet for
XYZ(72.9756, 62.9107, 79.7787)
contains.

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Color

**XYZ(73.0282, 63.0914,
79.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDE1
RGB	255, 189, 225
RGB Percent	100%, 74%, 88%
CMY	0.0000, 0.2588, 0.1176
CMYK	0.00, 0.26, 0.12, 0.00
HSL	327°, 100%, 87%
HSV	327°, 26%, 100%
XYZ	73.0282, 63.0914, 79.5630
YIQ	212.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

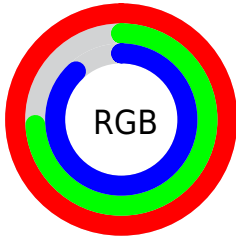
Format	Color
R _Y B	255, 189, 225
Decimal	16760289
CIE Lab	83.49, 29.11, -8.61
CIE LCh	83, 30.360, 343.532
Yxy	63.0914, 0.3386, 0.2925
Android (android.graphics.Color)	4294950369 (0xFFFFBDE1)
YUV	212.8380, 5.9959, 36.9761
Hunter-Lab	79.4301, 25.1106, -3.7881

Details

The XYZ color **73.0282, 63.0914, 79.5630** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5345, 87.4543, 80.2366**, and the grayscale version is **63.0871, 66.3726, 72.2797**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **38.9456, 32.1005, 42.1736** is the 20% darker color. If you saturate the color by 10%, you get **66.4895, 52.4593, 69.8451**, and if you desaturate by 10%, it is **80.6414, 75.7003, 90.1704**.

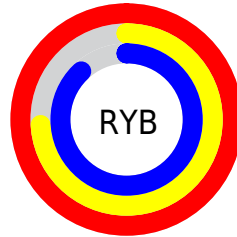
Distribution



Red (100%)

Green (74%)

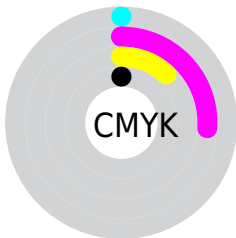
Blue (88%)



Red (100%)

Yellow (74%)

Blue (88%)

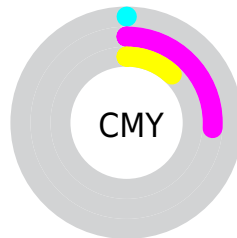


Cyan (0%)

Magenta (26%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0282, 63.0914, 79.5630 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 73.0282, 63.0914, 79.5630 by changing the saturation by 10% instead.


 73.0282, 63.0914,
79.5630

 73.0282, 63.0914,
79.5630


460.2148,
435.9011, 513.1268

 54.2875, 45.9152,
58.8348


 122.5202,
109.3014, 134.5570

 39.0631, 32.1789,
42.0610

154.0021,
139.1039, 169.6598

 26.9898, 21.4982,
28.8231


190.4618,
173.8839, 210.3913

 17.7021, 13.4886,
18.7026

232.2647,
214.0259, 257.1699

 10.8347, 7.7659,
11.2810

279.7761,
259.9142, 310.4142

 6.0223, 3.9455,
6.1396

333.3614,

 2.8994, 1.6431,

311.9333, 370.5428

2.8600

393.3858,
370.4674, 437.9741

■ 1.1008, 0.3864,
1.0236

■ 0.0258, 0.0000,
0.0000

■ 73.0282, 63.0914,
79.5630

■ 73.0282, 63.0914,
79.5630

■ 66.4895, 52.4593,
69.8451

■ 80.6414, 75.7003,
90.1704

■ 60.9685, 43.6943,
60.9848

■ 89.3737, 90.3724,
101.6899

■ 56.4092, 36.6879,
52.9536

95.0500, 100.0000,
108.9000

■ 52.7485, 31.3173,
45.7193

■ 49.9150, 27.4434,
39.2467

■ 47.8255, 24.9039,
33.4961

■ 46.3775, 23.4975,
28.4209

■ 45.9064, 23.1266,
26.5030

Harmonies

Analogous

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



69.1734, 63.0914, 98.6782



73.0282, 63.0914, 79.5630



73.2209, 63.0914, 60.5093

Triad

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



73.0282, 63.0914, 79.5630



57.0354, 63.0914, 38.9853



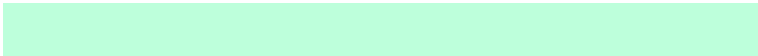
51.1988, 63.0914, 97.0059

Complementary

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



73.0282, 63.0914, 79.5630



69.5345, 87.4543, 80.2366

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.



48.4167, 63.0914, 77.5893



73.0282, 63.0914, 79.5630



51.6150, 63.0914, 45.4997

Square

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



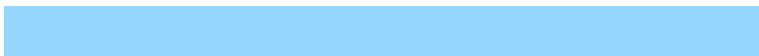
73.0282, 63.0914, 79.5630



63.6498, 63.0914, 39.3177



48.5632, 63.0914, 58.8661



56.4281, 63.0914, 109.9480

Rectangle

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



73.0282, 63.0914, 79.5630



71.2218, 63.0914, 50.4523



48.5632, 63.0914, 58.8661



49.9642, 63.0914, 90.8794

Sweetspot

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



73.0296, 63.0940, 79.5643



87.4266, 87.0849, 99.1703



65.3731, 58.6318, 102.4793



18.4239, 18.1529, 20.8492



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.



73.0296, 63.0940, 79.5643



69.5505, 57.4090, 74.4790



68.9872, 61.4771, 58.2771



18.4239, 18.1529, 20.8492



24.0635, 12.1147, 14.2505



2.3981, 1.2016, 1.6779

Inverse Universe

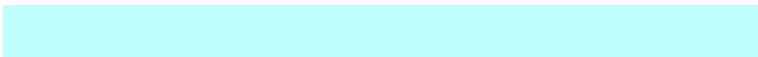
The Inverse Universe completely reimagines the original color for something new.



73.0296, 63.0940, 79.5643



69.5505, 57.4090, 74.4790



74.2709, 89.3489, 105.1782



18.4239, 18.1529, 20.8492



24.0635, 12.1147, 14.2505



2.3981, 1.2016, 1.6779

Previews

White Background



This preview shows how the XYZ color 73.0282, 63.0914, 79.5630 looks on a white background.

Color Contrast Check

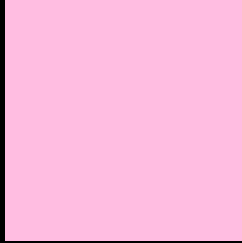
Large Text (above 18pt) WCAG AA × Fail

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 73.0282, 63.0914, 79.5630 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 73.0282, 63.0914, 79.5630

Background



This preview shows how black text looks on a background with the XYZ color 73.0282, 63.0914, 79.5630.



This preview shows how white text looks on a background with the XYZ color 73.0282, 63.0914,

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

73.0282, 63.0914, 79.5630

Protanopia

62.3550, 63.5191, 88.3308

Deuteranopia

64.5640, 63.0984, 78.5884



Tritanopia

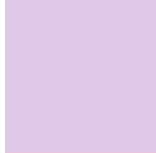
70.6201, 63.0869, 67.4864

Trichromacy



Original Color

73.0282, 63.0914, 79.5630



Protanomaly

65.6512, 62.8227, 85.0097



Deuteranomaly

67.3525, 62.8067, 79.0941



Tritanomaly

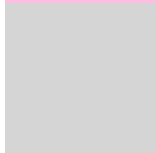
71.6415, 63.1875, 72.0388

Monochromacy



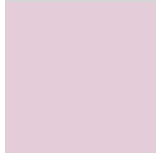
Original Color

73.0282, 63.0914, 79.5630



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.1122, 64.6895, 74.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0282, 63.0914, 79.5630 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, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.0282, 63.0914, 79.5630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

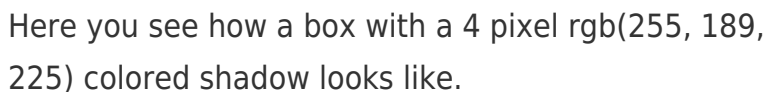
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 225) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 225); box-shadow:4px 4px 4px 4px rgb(255, 189, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0282, 63.0914, 79.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 225) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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