

Converting Colors

XYZ(63.5825, 45.4926, 72.4301)

Have a look what the booklet for
XYZ(63.5825, 45.4926, 72.4301)
contains.

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Color

**XYZ(63.5511, 45.4242,
72.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DDB
RGB	255, 141, 219
RGB Percent	100%, 55%, 86%
CMY	0.0000, 0.4470, 0.1412
CMYK	0.00, 0.45, 0.14, 0.00
HSL	319°, 100%, 78%
HSV	319°, 45%, 100%
XYZ	63.5511, 45.4242, 72.4361
YIQ	183.9780, 42.9060, 48.4260

Conversions

Conversions Part 2

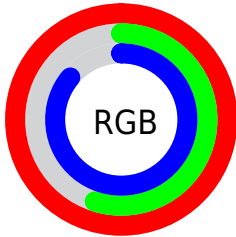
Format	Color
RYB	255, 141, 219
Decimal	16747995
CIELab	73.17, 52.86, -20.85
CIELCh	73, 56.827, 338.474
Yxy	45.4242, 0.3503, 0.2504
Android (android.graphics.Color)	4294938075 (0xFFFF8DDB)
YUV	183.9780, 17.2658, 62.2863
Hunter-Lab	67.3975, 50.3674, -16.5443

Details

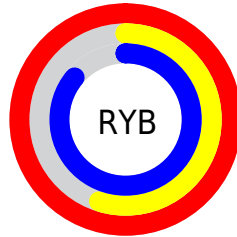
The XYZ color **63.5511, 45.4242, 72.4361** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.6819, 80.3578, 54.2264**, and the grayscale version is **45.4401, 47.8065, 52.0613**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **32.8740, 21.2325, 37.4876** is the 20% darker color. If you saturate the color by 10%, you get **59.1800, 38.3378, 65.8746**, and if you desaturate by 10%, it is **68.8410, 54.2659, 79.5580**.

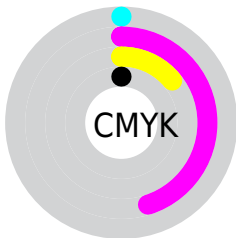
Distribution



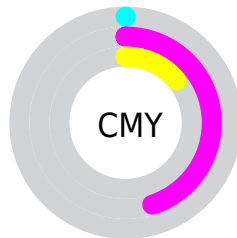
- Red (100%)
- Green (55%)
- Blue (86%)



- Red (100%)
- Yellow (55%)
- Blue (86%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5511, 45.4242, 72.4361 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 63.5511, 45.4242, 72.4361 by changing the saturation by 10% instead.


 63.5511, 45.4242,
72.4361


 63.5511, 45.4242,
72.4361


427.1947,
368.4889, 488.0764

 46.5475, 31.7917,
53.0260


 109.0415, 83.3566,
124.3898

 32.8845, 21.2024,
37.4356


 138.2591,
108.4253, 157.7705

 22.1968, 13.2721,
25.2465


172.2787,
138.0748, 196.6452

 14.1190, 7.6162,
16.0401

211.4657,
172.6896, 241.4323

 8.2857, 3.8503,
9.3979

256.1855,
212.6540, 292.5504

 4.3317, 1.5902,
4.9013

306.8033,

 1.8914, 0.3510,

258.3524, 350.4181

2.1317

363.6846,
310.1692, 415.4539

■ 0.5718, 0.0000,
0.6346

■ 0.0000, 0.0000,
0.0000

■ 63.5511, 45.4242,
72.4361

■ 63.5511, 45.4242,
72.4361

■ 59.1800, 38.3378,
65.8746

■ 68.8410, 54.2659,
79.5580

■ 55.6637, 32.8802,
59.8471

■ 75.1018, 64.9664,
87.2595

■ 52.9346, 28.9172,
54.3279

■ 82.3853, 77.6278,
95.5619

■ 50.9128, 26.2903,
49.2867

■ 90.7386, 92.3434,
104.4840

■ 49.5005, 24.8050,
44.6871

95.0500, 100.0000,
108.9000

■ 48.9260, 24.3344,
42.4040

Harmonies

Analogous

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



56.2181, 45.4242, 106.0203



63.5511, 45.4242, 72.4361



65.0202, 45.4242, 41.8100

Triad

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



63.5511, 45.4242, 72.4361



40.4136, 45.4242, 12.6286



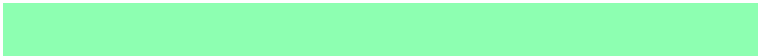
29.8503, 45.4242, 92.0290

Complementary

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



63.5511, 45.4242, 72.4361



54.6819, 80.3578, 54.2264

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.



26.8682, 45.4242, 57.9888



63.5511, 45.4242, 72.4361



32.3224, 45.4242, 17.7485

Square

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



63.5511, 45.4242, 72.4361



50.5892, 45.4242, 13.9723



27.6979, 45.4242, 31.9411



36.5219, 45.4242, 120.0312

Rectangle

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



63.5511, 45.4242, 72.4361



62.2905, 45.4242, 27.6491



27.6979, 45.4242, 31.9411



28.4337, 45.4242, 80.4847

Sweetspot

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



63.5521, 45.4261, 72.4370



83.7314, 79.9869, 97.0374



45.3009, 35.4092, 99.0548



17.5499, 16.4687, 20.3615



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.



63.5521, 45.4261, 72.4370



59.4588, 38.7816, 66.3185



57.4490, 42.9849, 40.2987



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5293



2.5456, 1.2606, 2.4545

Inverse Universe

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



63.5521, 45.4261, 72.4370



59.4588, 38.7816, 66.3185



61.3397, 83.0209, 89.2856



18.5342, 18.1970, 21.4302



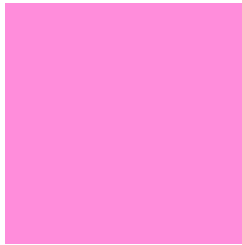
25.6356, 12.7435, 22.5293



2.5456, 1.2606, 2.4545

Previews

White Background



This preview shows how the XYZ color 63.5511, 45.4242, 72.4361 looks on a white background.

Color Contrast Check

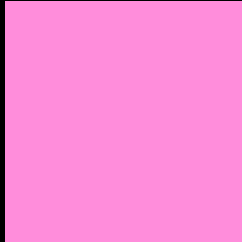
Large Text (above 18pt) WCAG AA × Fail

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 63.5511, 45.4242, 72.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

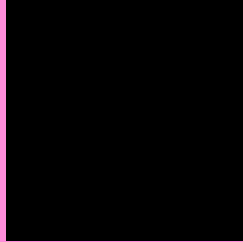
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5511, 45.4242, 72.4361

Background



This preview shows how black text looks on a background with the XYZ color 63.5511, 45.4242, 72.4361.



This preview shows how white text looks on a background with the XYZ color 63.5511, 45.4242,

72.4361.

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

63.5511, 45.4242, 72.4361

Protanopia

46.8990, 45.9069, 92.7753

Deuteranopia

46.8270, 45.7998, 69.3230



Tritanopia

56.9960, 45.2765, 40.8572

Trichromacy



Original Color

63.5511, 45.4242, 72.4361



Protanomaly

51.1011, 44.5685, 85.2661



Deuteranomaly

51.6574, 44.6560, 70.1868



Tritanomaly

59.0253, 45.1497, 50.9512

Monochromacy



Original Color

63.5511, 45.4242, 72.4361



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

50.6590, 45.7381, 58.9816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5511, 45.4242, 72.4361 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, 141, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 219)  
}
```

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, 141, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.5511, 45.4242, 72.4361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

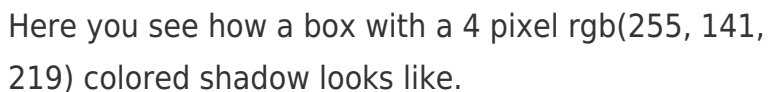
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 141, 219) }
```


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

```
.border{ border-color:rgb(255, 141, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 141, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 141, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 141, 219); box-shadow:4px 4px 4px 4px rgb(255, 141, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5511, 45.4242, 72.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 219) }
```

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

```
.background{ background-color: rgb(255,  
141, 219) }
```

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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