

Converting Colors

XYZ(64.3051, 46.9322, 72.6874)

Have a look what the booklet for
XYZ(64.3051, 46.9322, 72.6874)
contains.

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Color

**XYZ(64.3051, 46.9322,
72.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92DB
RGB	255, 146, 219
RGB Percent	100%, 57%, 86%
CMY	0.0000, 0.4274, 0.1412
CMYK	0.00, 0.43, 0.14, 0.00
HSL	320°, 100%, 79%
HSV	320°, 43%, 100%
XYZ	64.3051, 46.9322, 72.6874
YIQ	186.9130, 41.5310, 45.8110

Conversions

Conversions Part 2

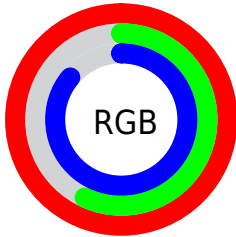
Format	Color
R _Y B	255, 146, 219
Decimal	16749275
CIE Lab	74.15, 50.38, -19.37
CIE LCh	74, 53.974, 338.968
Yxy	46.9322, 0.3496, 0.2552
Android (android.graphics.Color)	4294939355 (0xFFFF92DB)
YUV	186.9130, 15.8189, 59.7123
Hunter-Lab	68.5071, 47.6641, -14.9529

Details

The XYZ color **64.3051, 46.9322, 72.6874** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0592, 81.0092, 56.9405**, and the grayscale version is **47.0835, 49.5355, 53.9441**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **33.2929, 22.0704, 37.6272** is the 20% darker color. If you saturate the color by 10%, you get **59.7226, 39.4971, 65.8273**, and if you desaturate by 10%, it is **69.8223, 56.1469, 80.1370**.

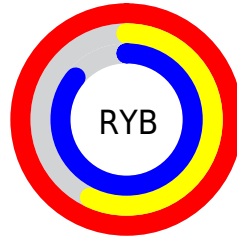
Distribution



Red (100%)

Green (57%)

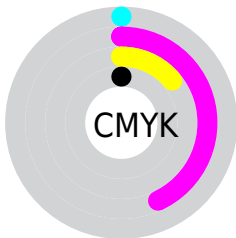
Blue (86%)



Red (100%)

Yellow (57%)

Blue (86%)

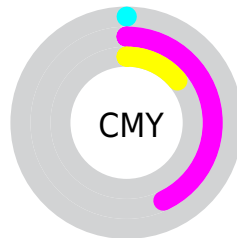


Cyan (0%)

Magenta (43%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3051, 46.9322, 72.6874 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 64.3051, 46.9322, 72.6874 by changing the saturation by 10% instead.


 64.3051, 46.9322,
72.6874


 64.3051, 46.9322,
72.6874


429.8754,
374.5438, 488.9724

 47.1604, 32.9821,
53.2301

 110.1215, 85.6124,
124.7501

 33.3710, 22.1127,
37.5975


 139.5239,
111.1113, 158.1927

 22.5714, 13.9397,
25.3711


173.7430,
141.2285, 197.1340

 14.3963, 8.0788,
16.1322

213.1441,
176.3485, 241.9928

 8.4803, 4.1454,
9.4624

258.0925,
216.8556, 293.1875

 4.4582, 1.7552,
4.9431

308.9536,

 1.9645, 0.4590,

263.1343, 351.1366

2.1557

366.0928,
315.5689, 416.2587

■ 0.6139, 0.0000,
0.6487

■ 0.0000, 0.0000,
0.0000

■ 64.3051, 46.9322,
72.6874

■ 64.3051, 46.9322,
72.6874

■ 59.7226, 39.4971,
65.8273

■ 69.8223, 56.1469,
80.1370

■ 56.0120, 33.7172,
59.5301

■ 76.3255, 67.2424,
88.1955

■ 53.1071, 29.4619,
53.7701

■ 83.8657, 80.3198,
96.8843

■ 50.9308, 26.5778,
48.5173

■ 92.4896, 95.4707,
106.2228

■ 49.3894, 24.8791, 95.0500, 100.0000,
43.7362 108.9000

■ 48.5694, 24.1918,
40.5263

Harmonies

Analogous

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



57.3491, 46.9322, 104.6746



64.3051, 46.9322, 72.6874



65.6040, 46.9322, 43.2432

Triad

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



64.3051, 46.9322, 72.6874



41.7721, 46.9322, 14.4904



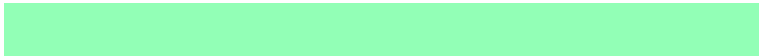
31.6595, 46.9322, 92.4260

Complementary

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



64.3051, 46.9322, 72.6874



56.0592, 81.0092, 56.9405

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.



28.6501, 46.9322, 59.8577



64.3051, 46.9322, 72.6874



33.9087, 46.9322, 19.8793

Square

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



64.3051, 46.9322, 72.6874



51.6171, 46.9322, 15.7765



29.4094, 46.9322, 34.2773



38.2634, 46.9322, 118.6389

Rectangle

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



64.3051, 46.9322, 72.6874



62.9275, 46.9322, 29.4104



29.4094, 46.9322, 34.2773



30.2407, 46.9322, 81.4653

Sweetspot

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



64.3061, 46.9342, 72.6883



83.6583, 79.9577, 96.6527



47.2737, 37.5456, 99.3632



17.5318, 16.4614, 20.2661



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.



64.3061, 46.9342, 72.6883



60.4568, 40.6704, 66.9817



58.4017, 44.5724, 41.5960



18.5226, 18.1923, 21.3691



25.4505, 12.6695, 21.5547



2.5286, 1.2538, 2.3649

Inverse Universe

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



64.3061, 46.9342, 72.6883



60.4568, 40.6704, 66.9817



62.6131, 83.6307, 91.4530



18.5226, 18.1923, 21.3691



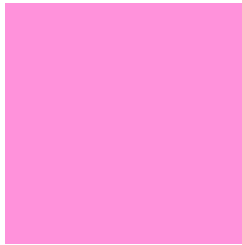
25.4505, 12.6695, 21.5547



2.5286, 1.2538, 2.3649

Previews

White Background



This preview shows how the XYZ color 64.3051, 46.9322, 72.6874 looks on a white background.

Color Contrast Check

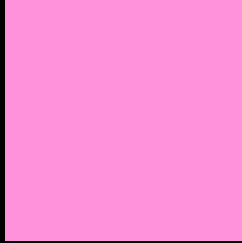
Large Text (above 18pt) WCAG AA × Fail

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 64.3051, 46.9322, 72.6874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

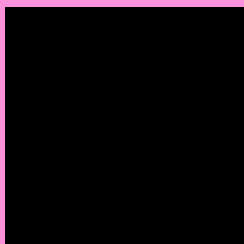
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3051, 46.9322, 72.6874

Background



This preview shows how black text looks on a background with the XYZ color 64.3051, 46.9322, 72.6874.



This preview shows how white text looks on a background with the XYZ color 64.3051, 46.9322,

72.6874.

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

64.3051, 46.9322, 72.6874

Protanopia

48.2186, 47.5181, 91.4245

Deuteranopia

48.1803, 47.0840, 69.4995



Tritanopia

58.0233, 46.7438, 43.0101

Trichromacy



Original Color

64.3051, 46.9322, 72.6874



Protanomaly

52.1426, 45.9515, 83.9632



Deuteranomaly

52.7659, 46.0276, 70.3931



Tritanomaly

59.9815, 46.5536, 52.8381

Monochromacy



Original Color

64.3051, 46.9322, 72.6874



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

52.2127, 47.6256, 60.4736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3051, 46.9322, 72.6874 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, 146, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.3051, 46.9322, 72.6874 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, 146, 219) }
```


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

```
.border{ border-color:rgb(255, 146, 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, 146, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3051, 46.9322, 72.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 219) }
```

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

```
.background{ background-color: rgb(255,  
146, 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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