

Converting Colors

XYZ(64.3700, 46.1799, 75.4287)

Have a look what the booklet for
XYZ(64.3700, 46.1799, 75.4287)
contains.

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Color

**XYZ(64.3817, 46.2326,
75.3425)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FDF
RGB	255, 143, 223
RGB Percent	100%, 56%, 87%
CMY	0.0000, 0.4392, 0.1255
CMYK	0.00, 0.44, 0.13, 0.00
HSL	317°, 100%, 78%
HSV	317°, 44%, 100%
XYZ	64.3817, 46.2326, 75.3425
YIQ	185.6080, 41.0720, 48.6240

Conversions

Conversions Part 2

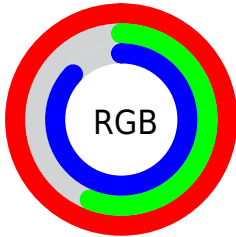
Format	Color
R_{YB}	255, 143, 223
Decimal	16748511
CIE _{Lab}	73.70, 52.49, -22.25
CIE _{LCh}	74, 57.014, 337.030
Yxy	46.2326, 0.3462, 0.2486
Android (android.graphics.Color)	4294938591 (0xFFFF8FDF)
YUV	185.6080, 18.4343, 60.8568
Hunter-Lab	67.9946, 50.0250, -18.1011

Details

The XYZ color **64.3817, 46.2326, 75.3425** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.8272, 80.4556, 53.2001**, and the grayscale version is **46.3384, 48.7516, 53.0905**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **33.4052, 21.7077, 39.4751** is the 20% darker color. If you saturate the color by 10%, you get **60.0183, 39.0440, 69.1456**, and if you desaturate by 10%, it is **69.6595, 55.1819, 82.0539**.

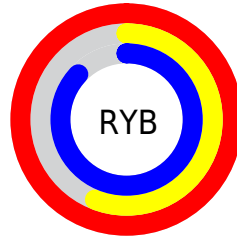
Distribution



Red (100%)

Green (56%)

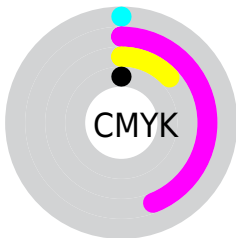
Blue (87%)



Red (100%)

Yellow (56%)

Blue (87%)

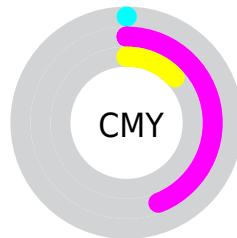


Cyan (0%)

Magenta (44%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3817, 46.2326, 75.3425 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 64.3817, 46.2326, 75.3425 by changing the saturation by 10% instead.

64.3817, 46.2326,
75.3425

64.3817, 46.2326,
75.3425

430.1471,
371.7430, 498.3808

47.2227, 32.4294,
55.3901

110.2311, 84.5670,
128.5486

33.4205, 21.6897,
39.3134

139.6523,
109.8670, 162.6394

22.6095, 13.6291,
26.6939

173.8916,
139.7680, 202.2801

14.4245, 7.8631,
17.1131

213.3143,
174.6546, 247.8892

8.5002, 4.0075,
10.1523

258.2859,
214.9109, 299.8853

4.4711, 1.6778,
5.3932

309.1717,

1.9720, 0.4092,

260.9215, 358.6869

2.4170

366.3370,
313.0707, 424.7125

■ 0.6181, 0.0000,
0.7957

■ 0.0000, 0.0000,
0.0000

■ 64.3817, 46.2326,
75.3425

■ 64.3817, 46.2326,
75.3425

■ 60.0183, 39.0440,
69.1456

■ 69.6595, 55.1819,
82.0539

■ 56.5057, 33.4906,
63.4377

■ 75.9031, 65.9944,
89.2978

■ 53.7774, 29.4396,
58.1946

■ 83.1637, 78.7716,
97.0943

■ 51.7547, 26.7349,
53.3874

■ 91.4879, 93.6061,
105.4615

■ 50.3418, 25.1856,
48.9813

95.0500, 100.0000,
108.9000

■ 49.6980, 24.6432,
46.4694

Harmonies

Analogous

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



56.7208, 46.2326, 109.1508



64.3817, 46.2326, 75.3425



66.1984, 46.2326, 43.8282

Triad

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



64.3817, 46.2326, 75.3425



41.6061, 46.2326, 12.8349



30.1785, 46.2326, 91.8644

Complementary

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



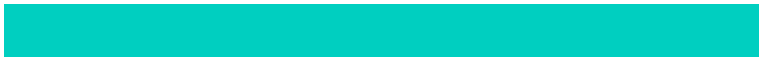
64.3817, 46.2326, 75.3425



54.8272, 80.4556, 53.2001

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.



27.3347, 46.2326, 57.4656



64.3817, 46.2326, 75.3425



33.2441, 46.2326, 17.6906

Square

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



64.3817, 46.2326, 75.3425



51.9742, 46.2326, 14.5096



28.3641, 46.2326, 31.5882



36.7844, 46.2326, 120.9688

Rectangle

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



64.3817, 46.2326, 75.3425



63.6338, 46.2326, 29.0398



28.3641, 46.2326, 31.5882



28.8011, 46.2326, 80.1175

Sweetspot

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



64.3828, 46.2346, 75.3434



83.8837, 80.0478, 97.8393



45.4938, 35.9505, 99.1491



17.5877, 16.4838, 20.5604



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.



64.3828, 46.2346, 75.3434



60.3829, 39.6347, 69.6944



58.0636, 43.7069, 42.0670



18.5584, 18.2067, 21.5575



26.0359, 12.9036, 24.6372



2.5822, 1.2752, 2.6470

Inverse Universe

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



64.3828, 46.2346, 75.3434



60.3829, 39.6347, 69.6944



61.4751, 83.1147, 88.2077



18.5584, 18.2067, 21.5575



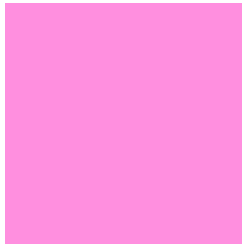
26.0359, 12.9036, 24.6372



2.5822, 1.2752, 2.6470

Previews

White Background



This preview shows how the XYZ color 64.3817, 46.2326, 75.3425 looks on a white background.

Color Contrast Check

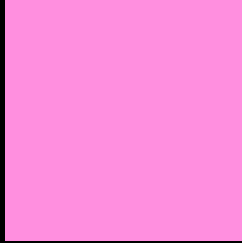
Large Text (above 18pt) WCAG AA × Fail

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 64.3817, 46.2326, 75.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

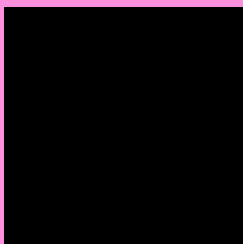
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3817, 46.2326, 75.3425

Background



This preview shows how black text looks on a background with the XYZ color 64.3817, 46.2326, 75.3425.



This preview shows how white text looks on a background with the XYZ color 64.3817, 46.2326,

75.3425.

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

64.3817, 46.2326, 75.3425

Protanopia

47.9169, 46.6568, 96.1027

Deuteranopia

47.5379, 46.3991, 72.0960



Tritanopia

57.6712, 46.3356, 41.9805

Trichromacy



Original Color

64.3817, 46.2326, 75.3425



Protanomaly

51.8701, 45.1658, 88.4221



Deuteranomaly

52.5358, 45.5800, 73.0467



Tritanomaly

59.8199, 46.2303, 52.7842

Monochromacy



Original Color

64.3817, 46.2326, 75.3425



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.5475, 46.7219, 60.3342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3817, 46.2326, 75.3425 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, 143, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 223)  
}
```

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, 143, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.3817, 46.2326, 75.3425 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, 143, 223) }
```


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

```
.border{ border-color:rgb(255, 143, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3817, 46.2326, 75.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 223) }
```

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

```
.background{ background-color: rgb(255,  
143, 223) }
```

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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