

Converting Colors

XYZ(60.8670, 46.0868, 75.0092)

Have a look what the booklet for
XYZ(60.8670, 46.0868, 75.0092)
contains.

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Color

**XYZ(60.7091, 45.9639,
74.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	F296DE
RGB	242, 150, 222
RGB Percent	95%, 59%, 87%
CMY	0.0510, 0.4117, 0.1294
CMYK	0.00, 0.38, 0.08, 0.05
HSL	313°, 78%, 77%
HSV	313°, 38%, 95%
XYZ	60.7091, 45.9639, 74.7794
YIQ	185.7160, 31.7200, 41.8960

Conversions

Conversions Part 2

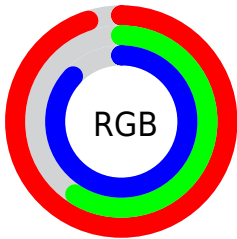
Format	Color
R_{YB}	242, 150, 222
Decimal	15898334
CIE _{Lab}	73.52, 44.73, -22.11
CIE _{LCh}	74, 49.895, 333.699
Yxy	45.9639, 0.3346, 0.2533
Android (android.graphics.Color)	4294088414 (0xFFFF296DE)
YUV	185.7160, 17.8880, 49.3611
Hunter-Lab	67.7967, 41.1951, -17.9389

Details

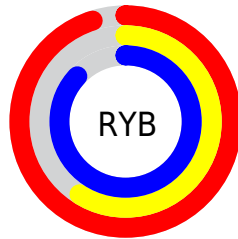
The XYZ color **60.7091, 45.9639, 74.7794** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.5875, 72.8920, 49.3839**, and the grayscale version is **46.4054, 48.8221, 53.1672**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **31.0169, 21.5298, 39.0801** is the 20% darker color. If you saturate the color by 10%, you get **56.5449, 38.7457, 69.9666**, and if you desaturate by 10%, it is **65.6955, 54.7897, 79.9758**.

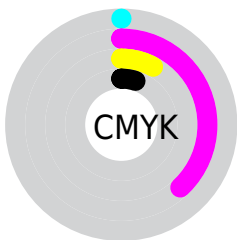
Distribution



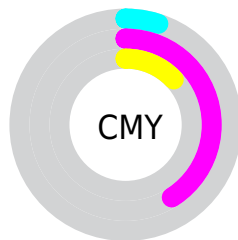
- Red (95%)
- Green (59%)
- Blue (87%)



- Red (95%)
- Yellow (59%)
- Blue (87%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7091, 45.9639, 74.7794 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 60.7091, 45.9639, 74.7794 by changing the saturation by 10% instead.


 60.7091, 45.9639,
74.7794


 60.7091, 45.9639,
74.7794


416.9996,
370.6635, 496.3942

 44.2421, 32.2173,
54.9315

 104.9581, 84.1650,
127.7443

 31.0596, 21.5276,
38.9487


 133.4709,
109.3883, 161.6984

 20.7963, 13.5102,
26.4123

166.7295,
139.2059, 201.1916

 13.0868, 7.7808,
16.9038

205.0995,
174.0023, 246.6426

 7.5657, 3.9550,
10.0047

248.9461,
214.1619, 298.4698

 3.8678, 1.6484,
5.2964

298.6348,

 1.6276, 0.3899,

260.0690, 357.0917

2.3605

354.5308,
312.1081, 422.9270

■ 0.4103, 0.0000,
0.7648

■ 0.0000, 0.0000,
0.0000

■ 60.7091, 45.9639,
74.7794

■ 60.7091, 45.9639,
74.7794

■ 56.5449, 38.7457,
69.9666

■ 65.6955, 54.7897,
79.9758

■ 53.1490, 33.0300,
65.5171

■ 71.5453, 65.3075,
85.5690

■ 50.4676, 28.7089,
61.4123

■ 78.3019, 77.6030,
91.5750

■ 48.4382, 25.6574,
57.6305

■ 86.0045, 91.7544,
98.0077

■ 46.9869, 23.7281,
54.1460

■ 89.3693, 97.1938,
103.1069

■ 46.0122, 22.7184,
50.9239

■ 90.1986, 97.5256,
107.4742

■ 45.8459, 22.5685,
50.3054

■ 90.4283, 97.6174,
108.6837

Harmonies

Analogous

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



53.7807, 45.9639, 102.2595



60.7091, 45.9639, 74.7794



62.8751, 45.9639, 46.9805

Triad

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



60.7091, 45.9639, 74.7794



42.6031, 45.9639, 15.5572



31.0504, 45.9639, 82.0941

Complementary

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



60.7091, 45.9639, 74.7794



51.5875, 72.8920, 49.3839

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.



28.8640, 45.9639, 53.2439



60.7091, 45.9639, 74.7794



34.9430, 45.9639, 19.5538

Square

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



60.7091, 45.9639, 74.7794



51.6347, 45.9639, 17.9276



30.1878, 45.9639, 31.4749



36.6003, 45.9639, 107.3847

Rectangle

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



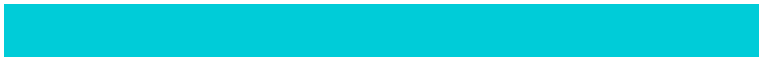
60.7091, 45.9639, 74.7794



61.1150, 45.9639, 32.9640



30.1878, 45.9639, 31.4749



29.9343, 45.9639, 72.1990

Sweetspot

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



60.7105, 45.9660, 74.7803



85.7790, 83.0042, 101.0426



43.4987, 36.7646, 88.8089



18.1349, 17.3557, 21.4286



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.



60.7105, 45.9660, 74.7803



64.4981, 45.0360, 79.7875



55.3691, 43.8294, 46.6529



16.2986, 15.9691, 19.1284



24.6814, 12.1450, 27.3026



2.0893, 1.0248, 2.4611

Inverse Universe

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



60.7105, 45.9660, 74.7803



64.4981, 45.0360, 79.7875



56.7176, 74.9440, 76.3985



16.2986, 15.9691, 19.1284



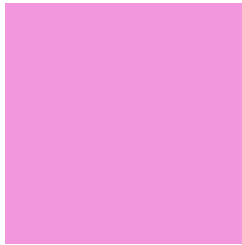
24.6814, 12.1450, 27.3026



2.0893, 1.0248, 2.4611

Previews

White Background



This preview shows how the XYZ color 60.7091, 45.9639, 74.7794 looks on a white background.

Color Contrast Check

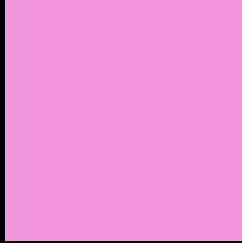
Large Text (above 18pt) WCAG AA × Fail

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 60.7091, 45.9639, 74.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

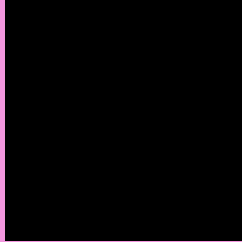
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7091, 45.9639, 74.7794

Background



This preview shows how black text looks on a background with the XYZ color 60.7091, 45.9639, 74.7794.



This preview shows how white text looks on a background with the XYZ color 60.7091, 45.9639,

74.7794.

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

60.7091, 45.9639, 74.7794

Protanopia

47.4020, 46.4978, 91.2706

Deuteranopia

47.3026, 46.2778, 72.0850



Tritanopia

54.6093, 45.9530, 45.0213

Trichromacy



Original Color

60.7091, 45.9639, 74.7794



Protanomaly

50.7363, 45.2099, 84.6496



Deuteranomaly

51.2335, 45.4484, 73.0900



Tritanomaly

56.4426, 45.6718, 54.5559

Monochromacy



Original Color

60.7091, 45.9639, 74.7794



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.7060, 47.1325, 60.4578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7091, 45.9639, 74.7794 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(242, 150, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 150, 222)  
}
```

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(242, 150, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 150, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.7091, 45.9639, 74.7794 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(242, 150, 222) }
```


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

```
.border{ border-color:rgb(242, 150, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 150, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 150, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 150, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 150,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7091, 45.9639, 74.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 150, 222) }
```

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

```
.background{ background-color: rgb(242,  
150, 222) }
```

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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