

Converting Colors

XYZ(60.7106, 47.0056, 72.7735)

Have a look what the booklet for
XYZ(60.7106, 47.0056, 72.7735)
contains.

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Color

**XYZ(60.6174, 46.9264,
72.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	F19ADB
RGB	241, 154, 219
RGB Percent	95%, 60%, 86%
CMY	0.0549, 0.3961, 0.1412
CMYK	0.00, 0.36, 0.09, 0.05
HSL	315°, 76%, 77%
HSV	315°, 36%, 95%
XYZ	60.6174, 46.9264, 72.8807
YIQ	187.4230, 30.9870, 38.6590

Conversions

Conversions Part 2

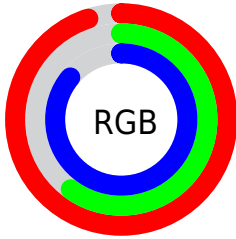
Format	Color
R _{YB}	241, 154, 219
Decimal	15833819
CIE Lab	74.14, 41.84, -19.53
CIE LCh	74, 46.173, 334.975
Yxy	46.9264, 0.3360, 0.2601
Android (android.graphics.Color)	4294023899 (0xFFFF19ADB)
YUV	187.4230, 15.5675, 46.9870
Hunter-Lab	68.5028, 38.0727, -15.1271

Details

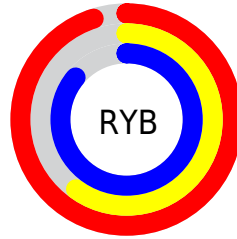
The XYZ color **60.6174, 46.9264, 72.8807** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.6202, 72.9166, 52.3782**, and the grayscale version is **47.3767, 49.8440, 54.2801**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **31.1217, 22.1780, 37.7625** is the 20% darker color. If you saturate the color by 10%, you get **56.2444, 39.4404, 67.5369**, and if you desaturate by 10%, it is **65.8211, 56.0253, 78.6474**.

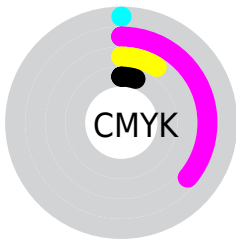
Distribution



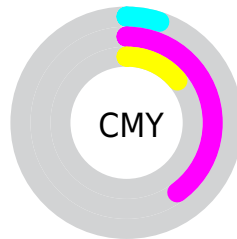
- Red (95%)
- Green (60%)
- Blue (86%)



- Red (95%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6174, 46.9264, 72.8807 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 60.6174, 46.9264, 72.8807 by changing the saturation by 10% instead.


 60.6174, 46.9264,
72.8807


 60.6174, 46.9264,
72.8807


416.6681,
374.5207, 489.6609

 44.1678, 32.9775,
53.3872

 104.8260, 85.6038,
125.0272

 31.0010, 22.1092,
37.7221


 133.3158,
111.1010, 158.5172

 20.7514, 13.9372,
25.4669


166.5497,
141.2164, 197.5099

 13.0538, 8.0770,
16.2031

204.8930,
176.3344, 242.4237

 7.5429, 4.1442,
9.5121

248.7112,
216.8395, 293.6771

 3.8532, 1.7546,
4.9753

298.3695,

 1.6194, 0.4586,

263.1160, 351.6888

2.1743

354.2334,
315.5482, 416.8772

■ 0.4050, 0.0000,
0.6595

■ 0.0000, 0.0000,
0.0000

■ 60.6174, 46.9264,
72.8807

■ 60.6174, 46.9264,
72.8807

■ 56.2444, 39.4404,
67.5369

■ 65.8211, 56.0253,
78.6474

■ 52.6495, 33.4648,
62.5953

■ 71.8956, 66.8189,
84.8503

■ 49.7805, 28.8949,
58.0376

■ 78.8834, 79.3913,
91.5056

■ 47.5769, 25.6105,
53.8420

■ 86.8230, 93.8188,
98.6276

■ 45.9681, 23.4706,
49.9833

■ 89.2090, 97.0901,
104.0492

■ 44.8664, 22.3005,
46.4308

■ 90.0860, 97.4410,
108.6677

■ 44.5198, 21.9985,
45.1090

Harmonies

Analogous

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



54.3518, 46.9264, 98.2302



60.6174, 46.9264, 72.8807



62.3924, 46.9264, 47.2466

Triad

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



60.6174, 46.9264, 72.8807



43.2374, 46.9264, 17.8302



32.8005, 46.9264, 81.8963

Complementary

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



60.6174, 46.9264, 72.8807



52.6202, 72.9166, 52.3782

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.



30.5626, 46.9264, 55.1467



60.6174, 46.9264, 72.8807



36.0942, 46.9264, 22.1268

Square

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



60.6174, 46.9264, 72.8807



51.6722, 46.9264, 19.9424



31.6898, 46.9264, 34.1508



38.2083, 46.9264, 104.4635

Rectangle

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



60.6174, 46.9264, 72.8807



60.6246, 46.9264, 34.1783



31.6898, 46.9264, 34.1508



31.6851, 46.9264, 72.8351

Sweetspot

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



60.6188, 46.9285, 72.8817



85.6242, 82.9423, 100.2275



45.2829, 38.6655, 88.2965



18.0978, 17.3408, 21.2335



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.



60.6188, 46.9285, 72.8817



65.3215, 47.1790, 78.5328



55.6447, 44.9389, 46.6883



16.2735, 15.9591, 18.9966



24.1990, 11.9520, 24.7624



2.0528, 1.0102, 2.2691

Inverse Universe

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



60.6188, 46.9285, 72.8817



65.3215, 47.1790, 78.5328



57.6025, 74.9096, 78.6151



16.2735, 15.9591, 18.9966



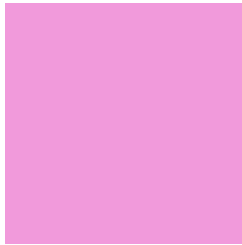
24.1990, 11.9520, 24.7624



2.0528, 1.0102, 2.2691

Previews

White Background



This preview shows how the XYZ color 60.6174, 46.9264, 72.8807 looks on a white background.

Color Contrast Check

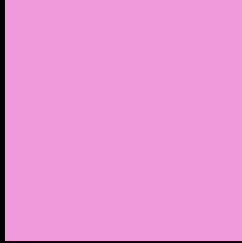
Large Text (above 18pt) WCAG AA × Fail

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 60.6174, 46.9264, 72.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

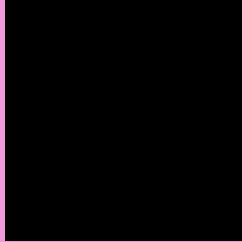
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6174, 46.9264, 72.8807

Background



This preview shows how black text looks on a background with the XYZ color 60.6174, 46.9264, 72.8807.



This preview shows how white text looks on a background with the XYZ color 60.6174, 46.9264,

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

60.6174, 46.9264, 72.8807

Protanopia

48.1049, 47.5456, 87.5307

Deuteranopia

48.1937, 47.0614, 70.8336



Tritanopia

55.4271, 47.1224, 46.7316

Trichromacy



Original Color

60.6174, 46.9264, 72.8807



Protanomaly

51.4924, 46.4974, 81.8623



Deuteranomaly

51.7595, 46.3129, 71.1770



Tritanomaly

57.2347, 47.0803, 55.3610

Monochromacy



Original Color

60.6174, 46.9264, 72.8807



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.3709, 48.0489, 60.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6174, 46.9264, 72.8807 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(241, 154, 219)` looks like.

```
.text, #text, p{  
    color:rgb(241, 154, 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(241, 154, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 154, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.6174, 46.9264, 72.8807 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(241, 154, 219) }
```


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

```
.border{ border-color:rgb(241, 154, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 154, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 154, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 154, 219);  
box-shadow:4px 4px 4px 4px rgb(241, 154,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6174, 46.9264, 72.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 154, 219) }
```

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

```
.background{ background-color: rgb(241,  
154, 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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