

Converting Colors

XYZ(60.1989, 47.0843, 67.5916)

Have a look what the booklet for
XYZ(60.1989, 47.0843, 67.5916)
contains.

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Color

**XYZ(60.0972, 47.0231,
67.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	F29BD3
RGB	242, 155, 211
RGB Percent	95%, 61%, 83%
CMY	0.0510, 0.3921, 0.1725
CMYK	0.00, 0.36, 0.13, 0.05
HSL	321°, 77%, 78%
HSV	321°, 36%, 95%
XYZ	60.0972, 47.0231, 67.5369
YIQ	187.3970, 33.8760, 35.8600

Conversions

Conversions Part 2

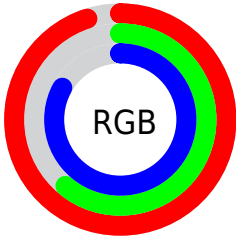
Format	Color
RYB	242, 155, 211
Decimal	15899603
CIELab	74.20, 40.34, -15.04
CIELCh	74, 43.050, 339.551
Yxy	47.0231, 0.3441, 0.2692
Android (android.graphics.Color)	4294089683 (0xFFFF29BD3)
YUV	187.3970, 11.6363, 47.8868
Hunter-Lab	68.5734, 36.4326, -10.3925

Details

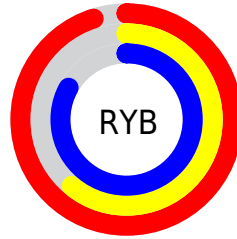
The XYZ color **60.0972, 47.0231, 67.5369** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.1347, 74.0194, 57.8917**, and the grayscale version is **47.3824, 49.8500, 54.2866**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **30.5193, 22.0934, 34.1084** is the 20% darker color. If you saturate the color by 10%, you get **55.4140, 39.3401, 60.7844**, and if you desaturate by 10%, it is **65.6483, 56.3477, 74.8658**.

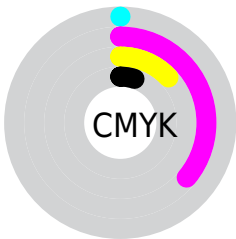
Distribution



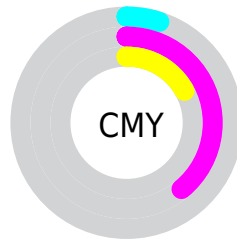
- Red (95%)
- Green (61%)
- Blue (83%)



- Red (95%)
- Yellow (61%)
- Blue (83%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0972, 47.0231, 67.5369 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 60.0972, 47.0231, 67.5369 by changing the saturation by 10% instead.

 60.0972, 47.0231,
67.5369


 60.0972, 47.0231,
67.5369


414.7850,
374.9067, 470.4069

 43.7467, 33.0539,
49.0567


 104.0762, 85.7481,
117.3373

 30.6685, 22.1678,
34.2986


 132.4355,
111.2727, 149.4947

 20.4971, 13.9802,
22.8439


165.5284,
141.4179, 187.0482

 12.8673, 8.1069,
14.2740

203.7202,
176.5681, 230.4164

 7.4136, 4.1634,
8.1706

247.3765,
217.1077, 280.0178

 3.7707, 1.7654,
4.1150

296.8625,

 1.5732, 0.4655,

263.4211, 336.2710

1.6886

352.5435,
315.8926, 399.5945

■ 0.3749, 0.0000,
0.3529

■ 0.0000, 0.0000,
0.0000

■ 60.0972, 47.0231,
67.5369

■ 60.0972, 47.0231,
67.5369

■ 55.4140, 39.3401,
60.7844

■ 65.6483, 56.3477,
74.8658

■ 51.5450, 33.1948,
54.5846

■ 72.1083, 67.3966,
82.7877

■ 48.4370, 28.4817,
48.9157

■ 79.5208, 80.2547,
91.3219

■ 46.0285, 25.0790,
43.7524

■ 87.9250, 94.9995,
100.4856

■ 44.2475, 22.8446,
39.0661

■ 90.2867, 97.5608,
107.9380

■ 43.0053, 21.6025,
34.8222

■ 90.4283, 97.6174,
108.6837

■ 42.5992, 21.2698,
33.2088

Harmonies

Analogous

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



54.8295, 47.0231, 91.4775



60.0972, 47.0231, 67.5369



60.9905, 47.0231, 44.4643

Triad

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



60.0972, 47.0231, 67.5369



42.2757, 47.0231, 19.6761



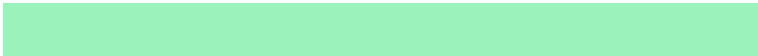
34.1967, 47.0231, 83.3259

Complementary

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



60.0972, 47.0231, 67.5369



54.1347, 74.0194, 57.8917

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.



31.5945, 47.0231, 58.5841



60.0972, 47.0231, 67.5369



35.8916, 47.0231, 24.9164

Square

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



60.0972, 47.0231, 67.5369



50.0838, 47.0231, 20.8015



32.1771, 47.0231, 37.7363



39.7055, 47.0231, 102.2633

Rectangle

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



60.0972, 47.0231, 67.5369



58.8923, 47.0231, 32.9632



32.1771, 47.0231, 37.7363



32.9836, 47.0231, 75.1626

Sweetspot

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



60.0986, 47.0253, 67.5379



85.1775, 82.7637, 97.8755



47.8668, 40.2264, 89.2468



17.9910, 17.2981, 20.6713



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.



60.0986, 47.0253, 67.5379



63.8042, 46.5720, 70.5427



55.4136, 45.1513, 42.8672



16.2012, 15.9302, 18.6159



22.9519, 11.4532, 18.1952



1.9566, 0.9717, 1.7622

Inverse Universe

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



60.0986, 47.0253, 67.5379



63.8042, 46.5720, 70.5427



59.4073, 76.1285, 85.6566



16.2012, 15.9302, 18.6159



22.9519, 11.4532, 18.1952



1.9566, 0.9717, 1.7622

Previews

White Background



This preview shows how the XYZ color 60.0972, 47.0231, 67.5369 looks on a white background.

Color Contrast Check

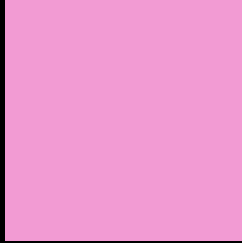
Large Text (above 18pt) WCAG AA × Fail

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 60.0972, 47.0231, 67.5369 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 60.0972, 47.0231, 67.5369

Background



This preview shows how black text looks on a background with the XYZ color 60.0972, 47.0231, 67.5369.



This preview shows how white text looks on a background with the XYZ color 60.0972, 47.0231,

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

60.0972, 47.0231, 67.5369

Protanopia

47.4613, 47.3628, 80.7692

Deuteranopia

48.1691, 47.1646, 65.5964



Tritanopia

55.8202, 47.0738, 46.1885

Trichromacy



Original Color

60.0972, 47.0231, 67.5369



Protanomaly

50.9633, 46.6493, 75.4254



Deuteranomaly

51.7723, 46.7134, 65.9624



Tritanomaly

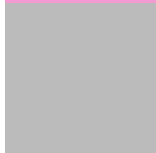
56.9644, 46.7349, 53.0321

Monochromacy



Original Color

60.0972, 47.0231, 67.5369



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.0259, 47.9109, 58.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0972, 47.0231, 67.5369 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, 155, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 155, 211)  
}
```

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, 155, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 155, 211) }
```

Border

The CSS property to change the border of an element to XYZ 60.0972, 47.0231, 67.5369 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, 155, 211) }
```


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

```
.border{ border-color:rgb(242, 155, 211) }
```

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

Here you see how a box with a 4 pixel rgb(242, 155, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 155, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 155, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 155,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0972, 47.0231, 67.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 155, 211) }
```

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

```
.background{ background-color: rgb(242,  
155, 211) }
```

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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