

Converting Colors

XYZ(60.0259, 47.6113, 61.9033)

Have a look what the booklet for
XYZ(60.0259, 47.6113, 61.9033)
contains.

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Color

**XYZ(60.0259, 47.6113,
61.9033)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F49DCA |
| RGB | 244, 157, 202 |
| RGB Percent | 96%, 62%, 79% |
| CMY | 0.0431, 0.3843, 0.2078 |
| CMYK | 0.00, 0.36, 0.17, 0.04 |
| HSL | 329°, 80%, 79% |
| HSV | 329°, 36%, 96% |
| XYZ | 60.0259, 47.6113, 61.9033 |
| YIQ | 188.1430, 37.4070, 32.4390 |

Conversions

Conversions Part 2

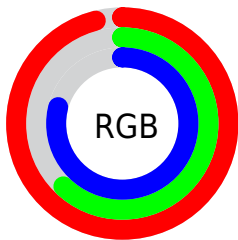
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 244, 157, 202 |
| Decimal | 16031178 |
| CIE _{Lab} | 74.58, 38.55, -9.51 |
| CIE _{LCh} | 75, 39.709, 346.138 |
| Yxy | 47.6113, 0.3541, 0.2808 |
| Android (android.graphics.Color) | 4294221258 (0xFFFF49DCA) |
| YUV | 188.1430, 6.8315, 48.9866 |
| Hunter-Lab | 69.0009, 34.5306, -4.8906 |

Details

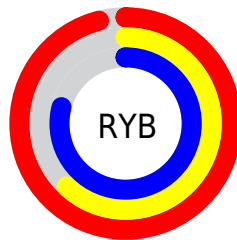
The XYZ color **60.0259, 47.6113, 61.9033** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.5662, 75.9944, 65.7234**, and the grayscale version is **47.8300, 50.3208, 54.7994**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **30.5453, 22.4779, 30.7457** is the 20% darker color. If you saturate the color by 10%, you get **54.9606, 39.6280, 53.5941**, and if you desaturate by 10%, it is **66.0247, 57.2902, 71.0500**.

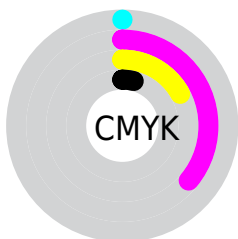
Distribution



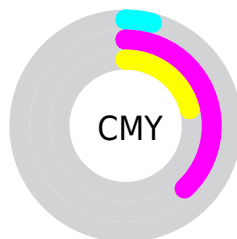
- Red (96%)
- Green (62%)
- Blue (79%)



- Red (96%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0259, 47.6113, 61.9033 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 60.0259, 47.6113, 61.9033 by changing the saturation by 10% instead.


 60.0259, 47.6113,
61.9033


 60.0259, 47.6113,
61.9033


414.5264,
377.2493, 449.5762

 43.6891, 33.5192,
44.5193

 103.9734, 86.6254,
109.1560

 30.6230, 22.5245,
30.7388


 132.3147,
112.3161, 139.8618

 20.4623, 14.2428,
20.1432


165.3882,
142.6419, 175.8452

 12.8418, 8.2897,
12.3141

203.5593,
177.9870, 217.5248

 7.3959, 4.2809,
6.8328

247.1933,
218.7359, 265.3192

 3.7594, 1.8319,
3.2809

296.6556,

 1.5670, 0.5069,

265.2730, 319.6469

1.2398

352.3115,
317.9827, 380.9263

■ 0.3707, 0.0000,
0.0117

■ 0.0000, 0.0000,
0.0000

■ 60.0259, 47.6113,
61.9033

■ 60.0259, 47.6113,
61.9033

■ 54.9606, 39.6280,
53.5941

■ 66.0247, 57.2902,
71.0500

■ 50.7731, 33.2339,
46.0907

■ 73.0005, 68.7495,
81.0585

■ 47.4075, 28.3213,
39.3630

■ 80.9987, 82.0761,
91.9554

■ 44.7998, 24.7656,
33.3770

■ 90.0608, 97.3494,
103.7651

■ 42.8753, 22.4219,
28.0948

■ 91.1185, 97.9733,
108.7160

■ 41.5422, 21.1111,
23.4723

■ 41.0874, 20.7448,
21.6453

Harmonies

Analogous

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



55.9565, 47.6113, 84.3525



60.0259, 47.6113, 61.9033



59.8546, 47.6113, 41.6076

Triad

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



60.0259, 47.6113, 61.9033



41.5226, 47.6113, 22.3774



36.3440, 47.6113, 85.8989

Complementary

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



60.0259, 47.6113, 61.9033



56.5662, 75.9944, 65.7234

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.



33.2432, 47.6113, 63.6273



60.0259, 47.6113, 61.9033



36.0098, 47.6113, 28.9840

Square

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



60.0259, 47.6113, 61.9033



48.6424, 47.6113, 22.1460



33.1278, 47.6113, 42.9322



42.0251, 47.6113, 100.4904

Rectangle

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



60.0259, 47.6113, 61.9033



57.3451, 47.6113, 31.8422



33.1278, 47.6113, 42.9322



34.9930, 47.6113, 78.8329

Sweetspot

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



60.0273, 47.6135, 61.9043



84.6411, 82.5491, 95.0506



51.5716, 42.5996, 91.0931



17.8631, 17.2469, 19.9974



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.



60.0273, 47.6135, 61.9043



62.0870, 45.8852, 61.5003



55.7034, 45.8840, 39.1351



16.8570, 16.6257, 18.9937



22.4104, 11.3076, 12.1353



2.0216, 1.0146, 1.3401

Inverse Universe

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



60.0273, 47.6135, 61.9043



62.0870, 45.8852, 61.5003



62.1490, 78.2275, 95.1221



16.8570, 16.6257, 18.9937



22.4104, 11.3076, 12.1353



2.0216, 1.0146, 1.3401

Previews

White Background



This preview shows how the XYZ color 60.0259, 47.6113, 61.9033 looks on a white background.

Color Contrast Check

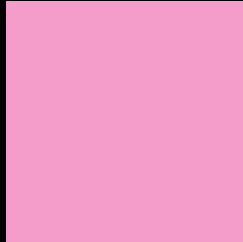
Large Text (above 18pt) WCAG AA × Fail

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 60.0259, 47.6113, 61.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

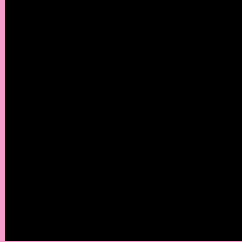
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0259, 47.6113, 61.9033

Background



This preview shows how black text looks on a background with the XYZ color 60.0259, 47.6113, 61.9033.



This preview shows how white text looks on a background with the XYZ color 60.0259, 47.6113,

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

60.0259, 47.6113, 61.9033

Protanopia

47.5143, 47.8650, 73.0643

Deuteranopia

48.8188, 47.9195, 60.1024



Tritanopia

56.8359, 47.5974, 46.2360

Trichromacy



Original Color

60.0259, 47.6113, 61.9033



Protanomaly

50.9146, 47.0581, 68.6870



Deuteranomaly

52.3123, 47.3955, 60.4239



Tritanomaly

57.8405, 47.4795, 51.4633

Monochromacy



Original Color

60.0259, 47.6113, 61.9033



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.3602, 48.7044, 57.1460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0259, 47.6113, 61.9033 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(244, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 202)  
}
```

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(244, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.0259, 47.6113, 61.9033 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(244, 157, 202) }
```


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

```
.border{ border-color:rgb(244, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0259, 47.6113, 61.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 202) }
```

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

```
.background{ background-color: rgb(244,  
157, 202) }
```

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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