

Converting Colors

XYZ(60.9790, 43.3517, 76.0808)

Have a look what the booklet for
XYZ(60.9790, 43.3517, 76.0808)
contains.

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Color

**XYZ(61.0369, 43.3874,
76.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	F78AE1
RGB	247, 138, 225
RGB Percent	97%, 54%, 88%
CMY	0.0314, 0.4588, 0.1176
CMYK	0.00, 0.44, 0.09, 0.03
HSL	312°, 87%, 75%
HSV	312°, 44%, 97%
XYZ	61.0369, 43.3874, 76.3918
YIQ	180.5090, 37.0370, 50.1650

Conversions

Conversions Part 2

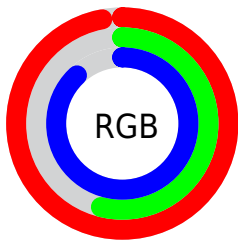
Format	Color
R _Y B	247, 138, 225
Decimal	16222945
CIE Lab	71.82, 52.85, -26.31
CIE LCh	72, 59.038, 333.539
Yxy	43.3874, 0.3376, 0.2400
Android (android.graphics.Color)	4294413025 (0xFFFF78AE1)
YUV	180.5090, 21.9341, 58.3126
Hunter-Lab	65.8691, 50.1341, -22.6533

Details

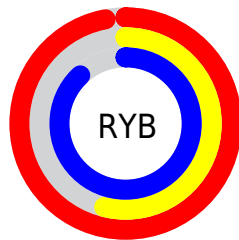
The XYZ color **61.0369, 43.3874, 76.3918** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.0891, 74.4644, 44.9938**, and the grayscale version is **43.5291, 45.7960, 49.8718**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **31.4123, 20.0617, 40.2469** is the 20% darker color. If you saturate the color by 10%, you get **57.2178, 36.8212, 71.8122**, and if you desaturate by 10%, it is **65.6843, 51.5770, 81.3464**.

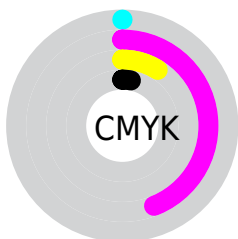
Distribution



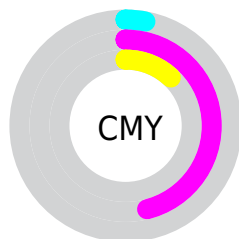
- Red (97%)
- Green (54%)
- Blue (88%)



- Red (97%)
- Yellow (54%)
- Blue (88%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0369, 43.3874, 76.3918 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 61.0369, 43.3874, 76.3918 by changing the saturation by 10% instead.


 61.0369, 43.3874,
76.3918


 61.0369, 43.3874,
76.3918

418.1830,
360.2025, 502.0703


 44.5076, 30.1892,
56.2453

 105.4302, 80.2951,
130.0457

 31.2694, 19.9822,
39.9943


 134.0249,
104.7735, 164.3902

 20.9569, 12.3821,
27.2203


 167.3721,
133.7806, 204.3044

 13.2048, 7.0045,
17.5049

205.8371,
167.7010, 250.2069

 7.6477, 3.4649,
10.4294

249.7854,
206.9189, 302.5162

 3.9202, 1.3790,
5.5752

299.5822,

 1.6571, 0.2012,

251.8189, 361.6508

2.5240

355.5930,
302.7853, 428.0294

■ 0.4292, 0.0000,
0.8528

■ 0.0000, 0.0000,
0.0000

■ 61.0369, 43.3874,
76.3918

■ 61.0369, 43.3874,
76.3918

■ 57.2178, 36.8212,
71.8122

■ 65.6843, 51.5770,
81.3464

■ 54.1674, 31.7615,
67.5855

■ 71.2062, 61.4843,
86.6908

■ 51.8246, 28.0859,
63.6911

■ 77.6502, 73.2034,
92.4423

■ 50.1170, 25.6496,
60.1039

■ 85.0592, 86.8200,
98.6158

■ 48.9559, 24.2757,
56.7935

■ 91.3624, 98.1921,
104.5219

■ 48.4528, 23.8122,
54.9527

■ 92.1545, 98.5089,
108.6929

■ 92.1682, 98.5144,
108.7651

Harmonies

Analogous

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



52.8444, 43.3874, 109.8946



61.0369, 43.3874, 76.3918



63.6510, 43.3874, 43.9120

Triad

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



61.0369, 43.3874, 76.3918



40.0589, 43.3874, 10.7663



27.1554, 43.3874, 84.8235

Complementary

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



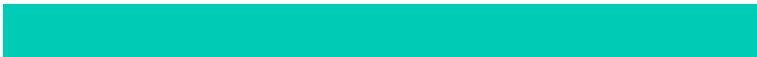
61.0369, 43.3874, 76.3918



50.0891, 74.4644, 44.9938

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.



24.8220, 43.3874, 50.7352



61.0369, 43.3874, 76.3918



31.4698, 43.3874, 14.5286

Square

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



61.0369, 43.3874, 76.3918



50.4479, 43.3874, 13.0293



26.2639, 43.3874, 26.6479



33.2241, 43.3874, 115.9924

Rectangle

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



61.0369, 43.3874, 76.3918



61.5787, 43.3874, 28.4301



26.2639, 43.3874, 26.6479



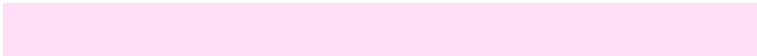
25.9572, 43.3874, 72.9264

Sweetspot

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



61.0383, 43.3894, 76.3927



84.3127, 80.2194, 100.0984



40.3363, 32.3477, 92.1144



17.6943, 16.5264, 21.1219



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.



61.0383, 43.3894, 76.3927



61.9032, 40.2428, 77.7004



54.7701, 40.8821, 43.3850



17.0619, 16.7076, 20.0725



25.6772, 12.6143, 29.3381



2.2923, 1.1229, 2.7654

Inverse Universe

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



61.0383, 43.3894, 76.3927



61.9032, 40.2428, 77.7004



55.9197, 76.7966, 75.6971



17.0619, 16.7076, 20.0725



25.6772, 12.6143, 29.3381



2.2923, 1.1229, 2.7654

Previews

White Background



This preview shows how the XYZ color 61.0369, 43.3874, 76.3918 looks on a white background.

Color Contrast Check

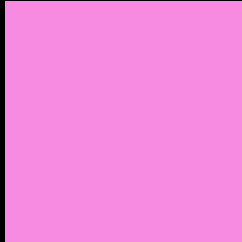
Large Text (above 18pt) WCAG AA × Fail

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 61.0369, 43.3874, 76.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

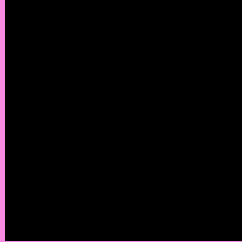
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0369, 43.3874, 76.3918

Background



This preview shows how black text looks on a background with the XYZ color 61.0369, 43.3874, 76.3918.



This preview shows how white text looks on a background with the XYZ color 61.0369, 43.3874,

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

61.0369, 43.3874, 76.3918

Protanopia

45.6556, 43.9758, 98.1773

Deuteranopia

44.7430, 43.7723, 73.1085



Tritanopia

53.6126, 43.3028, 40.1829

Trichromacy



Original Color

61.0369, 43.3874, 76.3918



Protanomaly

49.2654, 42.4653, 89.6045



Deuteranomaly

49.1751, 42.5042, 74.0189



Tritanomaly

56.1040, 43.1576, 51.8276

Monochromacy



Original Color

61.0369, 43.3874, 76.3918



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.7100, 43.9206, 58.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0369, 43.3874, 76.3918 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(247, 138, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 138, 225)  
}
```

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(247, 138, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 138, 225) }
```

Border

The CSS property to change the border of an element to XYZ 61.0369, 43.3874, 76.3918 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(247, 138, 225) }
```


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

```
.border{ border-color:rgb(247, 138, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 138, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 138, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 138, 225); box-shadow:4px 4px 4px 4px rgb(247, 138, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0369, 43.3874, 76.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 138, 225) }
```

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

```
.background{ background-color: rgb(247,  
138, 225) }
```

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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