

Converting Colors

XYZ(61.7050, 46.9757, 76.4536)

Have a look what the booklet for
XYZ(61.7050, 46.9757, 76.4536)
contains.

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Color

**XYZ(61.6449, 46.8930,
76.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	F398E0
RGB	243, 152, 224
RGB Percent	95%, 60%, 88%
CMY	0.0471, 0.4039, 0.1216
CMYK	0.00, 0.37, 0.08, 0.05
HSL	313°, 79%, 77%
HSV	313°, 37%, 95%
XYZ	61.6449, 46.8930, 76.3232
YIQ	187.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

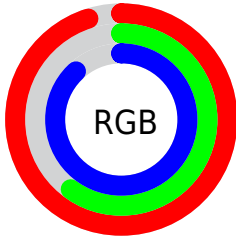
Format	Color
R_{YB}	243, 152, 224
Decimal	15964384
CIE _{Lab}	74.12, 44.35, -22.28
CIE _{LCh}	74, 49.631, 333.325
Yxy	46.8930, 0.3335, 0.2537
Android (android.graphics.Color)	4294154464 (0xFFFF398E0)
YUV	187.4170, 18.0354, 48.7463
Hunter-Lab	68.4785, 40.8499, -18.1472

Details

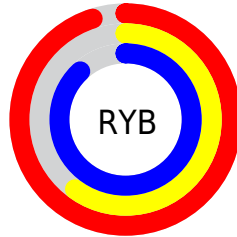
The XYZ color **61.6449, 46.8930, 76.3232** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.3522, 73.7183, 50.0009**, and the grayscale version is **47.3598, 49.8262, 54.2608**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **31.6309, 22.1025, 40.1352** is the 20% darker color. If you saturate the color by 10%, you get **57.4199, 39.5272, 71.5705**, and if you desaturate by 10%, it is **66.7012, 55.8870, 81.4553**.

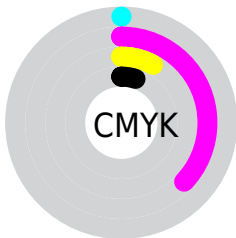
Distribution



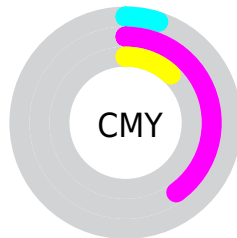
- Red (95%)
- Green (60%)
- Blue (88%)



- Red (95%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6449, 46.8930, 76.3232 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 61.6449, 46.8930, 76.3232 by changing the saturation by 10% instead.


 61.6449, 46.8930,
76.3232


 61.6449, 46.8930,
76.3232

420.3728,
374.3873, 501.8296

 45.0003, 32.9511,
56.1893

 106.3050, 85.5539,
129.9479

 31.6590, 22.0890,
39.9497

 135.0512,
111.0416, 164.2759

 21.2554, 13.9223,
27.1859

168.5621,
141.1468, 204.1723

 13.4244, 8.0666,
17.4792

207.2029,
176.2537, 250.0556

 7.8004, 4.1376,
10.4112

251.3390,
216.7468, 302.3445

 4.0182, 1.7508,
5.5633

301.3358,

 1.7125, 0.4563,

263.0105, 361.4574

2.5169

357.5586,
315.4292, 427.8129

■ 0.4640, 0.0000,
0.8491

■ 0.0000, 0.0000,
0.0000

■ 61.6449, 46.8930,
76.3232

■ 61.6449, 46.8930,
76.3232

■ 57.4199, 39.5272,
71.5705

■ 66.7012, 55.8870,
81.4553

■ 53.9720, 33.6838,
67.1769

■ 72.6301, 66.5938,
86.9799

■ 51.2474, 29.2546,
63.1239

■ 79.4753, 79.0998,
92.9130

■ 49.1832, 26.1143,
59.3897

■ 87.2762, 93.4836,
99.2685

47.7057, 24.1156,
55.9489

89.8793, 97.4376,
103.9962

46.7178, 23.0647,
52.7682

90.6832, 97.7592,
108.2296

46.5059, 22.8722,
51.9848

90.7725, 97.7949,
108.6998

Harmonies

Analogous

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



54.6301, 46.8930, 103.8214



61.6449, 46.8930, 76.3232



63.8931, 46.8930, 48.2731

Triad

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



61.6449, 46.8930, 76.3232



43.5869, 46.8930, 16.1342



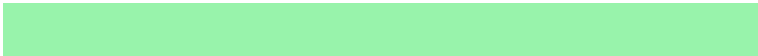
31.7655, 46.8930, 82.9307

Complementary

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



61.6449, 46.8930, 76.3232



52.3522, 73.7183, 50.0009

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.



29.5984, 46.8930, 53.9490



61.6449, 46.8930, 76.3232



35.8283, 46.8930, 20.1174

Square

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



61.6449, 46.8930, 76.3232



52.6881, 46.8930, 18.6306



30.9815, 46.8930, 32.0930



37.3325, 46.8930, 108.4427

Rectangle

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



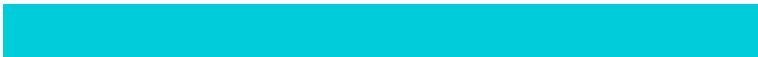
61.6449, 46.8930, 76.3232



62.1704, 46.8930, 34.0331



30.9815, 46.8930, 32.0930



30.6514, 46.8930, 72.9839

Sweetspot

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



61.6464, 46.8951, 76.3242



85.8166, 83.0193, 101.2409



44.0289, 37.4984, 89.7122



18.1439, 17.3593, 21.4761



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.



61.6464, 46.8951, 76.3242



65.0841, 45.8611, 81.0525



56.3592, 44.7803, 48.4824



17.0567, 16.7055, 20.0453



25.5747, 12.5733, 28.7985



2.2841, 1.1196, 2.7224

Inverse Universe

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



61.6464, 46.8951, 76.3242



65.0841, 45.8611, 81.0525



57.3571, 75.7203, 76.3567



17.0567, 16.7055, 20.0453



25.5747, 12.5733, 28.7985



2.2841, 1.1196, 2.7224

Previews

White Background



This preview shows how the XYZ color 61.6449, 46.8930, 76.3232 looks on a white background.

Color Contrast Check

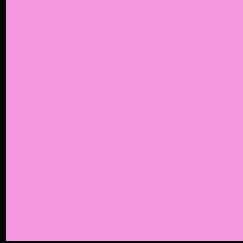
Large Text (above 18pt) WCAG AA × Fail

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 61.6449, 46.8930, 76.3232 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 61.6449, 46.8930, 76.3232

Background



This preview shows how black text looks on a background with the XYZ color 61.6449, 46.8930, 76.3232.



This preview shows how white text looks on a background with the XYZ color 61.6449, 46.8930,

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

61.6449, 46.8930, 76.3232

Protanopia

48.1674, 47.1735, 92.1546

Deuteranopia

48.1977, 47.2998, 73.6073



Tritanopia

55.4854, 46.9012, 46.1728

Trichromacy



Original Color

61.6449, 46.8930, 76.3232



Protanomaly

51.6531, 46.2013, 86.3161



Deuteranomaly

52.1410, 46.4338, 74.6211



Tritanomaly

57.3379, 46.6102, 55.8438

Monochromacy



Original Color

61.6449, 46.8930, 76.3232



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.2935, 47.7076, 61.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6449, 46.8930, 76.3232 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(243, 152, 224)` looks like.

```
.text, #text, p{  
    color:rgb(243, 152, 224)  
}
```

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(243, 152, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 152, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.6449, 46.8930, 76.3232 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(243, 152, 224) }
```


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

```
.border{ border-color:rgb(243, 152, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 152, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 152, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 152, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 152,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6449, 46.8930, 76.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 152, 224) }
```

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

```
.background{ background-color: rgb(243,  
152, 224) }
```

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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