

Converting Colors

XYZ(61.5375, 41.0215, 72.9231)

Have a look what the booklet for
XYZ(61.5375, 41.0215, 72.9231)
contains.

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Color

**XYZ(61.6248, 41.1477,
73.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DDD
RGB	255, 125, 221
RGB Percent	100%, 49%, 87%
CMY	0.0000, 0.5098, 0.1333
CMYK	0.00, 0.51, 0.13, 0.00
HSL	316°, 100%, 75%
HSV	316°, 51%, 100%
XYZ	61.6248, 41.1477, 73.1009
YIQ	174.8140, 46.6640, 57.4160

Conversions

Conversions Part 2

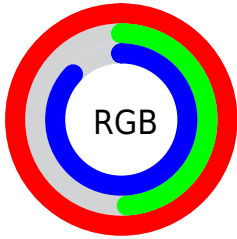
Format	Color
RYB	255, 125, 221
Decimal	16743901
CIELab	70.28, 60.86, -26.37
CIELCh	70, 66.329, 336.575
Yxy	41.1477, 0.3504, 0.2340
Android (android.graphics.Color)	4294933981 (0xFFFF7DDD)
YUV	174.8140, 22.7697, 70.3231
Hunter-Lab	64.1465, 59.2266, -22.6640

Details

The XYZ color **61.6248, 41.1477, 73.1009** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.4770, 78.3839, 45.2729**, and the grayscale version is **40.5219, 42.6322, 46.4264**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **31.7760, 18.7452, 38.0198** is the 20% darker color. If you saturate the color by 10%, you get **57.9300, 35.1520, 67.5721**, and if you desaturate by 10%, it is **66.1852, 48.8179, 79.0934**.

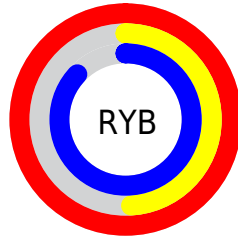
Distribution



Red (100%)

Green (49%)

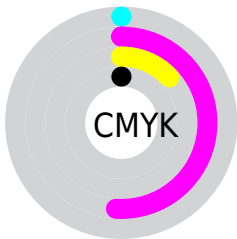
Blue (87%)



Red (100%)

Yellow (49%)

Blue (87%)

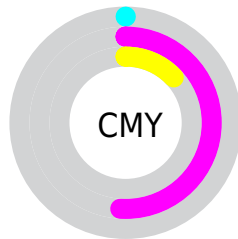


Cyan (0%)

Magenta (51%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6248, 41.1477, 73.1009 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 61.6248, 41.1477, 73.1009 by changing the saturation by 10% instead.


 61.6248, 41.1477,
73.1009


 61.6248, 41.1477,
73.1009


420.3006,
350.9375, 490.4446


 44.9841, 28.4345,
53.5661


 106.2761, 76.9081,
125.3427

 31.6461, 18.6535,
37.8641


 135.0173,
100.7240, 158.8868

 21.2456, 11.4201,
25.5762


 168.5228,
129.0097, 197.9378

 13.4171, 6.3502,
16.2840

207.1578,
162.1495, 242.9142

 7.7954, 3.0592,
9.5688

251.2877,
200.5277, 294.2345

 4.0150, 1.1627,
5.0122

301.2779,

 1.7106, 0.0309,

244.5289, 352.3173

2.1955

357.4937,
294.5374, 417.5812

■ 0.4629, 0.0000,
0.6718

■ 0.0000, 0.0000,
0.0000

■ 61.6248, 41.1477,
73.1009

■ 61.6248, 41.1477,
73.1009

■ 57.9300, 35.1520,
67.5721

■ 66.1852, 48.8179,
79.0934

■ 55.0328, 30.6959,
62.4809

■ 71.6668, 58.2734,
85.5686

■ 52.8595, 27.6323,
57.8012

■ 78.1235, 69.6214,
92.5469

■ 51.3205, 25.7826,
53.5009

■ 85.6044, 82.9592,
100.0465

■ 50.3501, 24.9040,
49.9031

94.1549, 98.3776,
108.0846

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.9511, 41.1477, 112.2227



61.6248, 41.1477, 73.1009



63.7989, 41.1477, 38.2849

Triad

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



61.6248, 41.1477, 73.1009



36.7621, 41.1477, 7.7444



24.5966, 41.1477, 90.8425

Complementary

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



61.6248, 41.1477, 73.1009



50.4770, 78.3839, 45.2729

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.



21.7870, 41.1477, 52.0215



61.6248, 41.1477, 73.1009



27.9186, 41.1477, 11.8509

Square

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



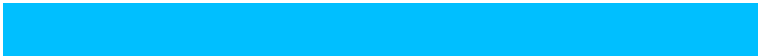
61.6248, 41.1477, 73.1009



48.0325, 41.1477, 9.2421



22.8793, 41.1477, 24.9513



31.3665, 41.1477, 125.3613

Rectangle

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



61.6248, 41.1477, 73.1009



60.9688, 41.1477, 22.9842



22.8793, 41.1477, 24.9513



23.2210, 41.1477, 77.3178

Sweetspot

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



61.6257, 41.1494, 73.1017



82.4693, 77.3492, 96.9662



39.3879, 29.1080, 98.1502



17.3147, 15.9549, 20.4166



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.



61.6257, 41.1494, 73.1017



57.9227, 35.1404, 67.5603



54.7035, 38.3806, 36.6498



18.5779, 18.2145, 21.6602



26.3736, 13.0387, 26.4155



2.6128, 1.2875, 2.8082

Inverse Universe

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



61.6257, 41.1494, 73.1017



57.9227, 35.1404, 67.5603



57.4706, 81.1814, 82.1009



18.5779, 18.2145, 21.6602



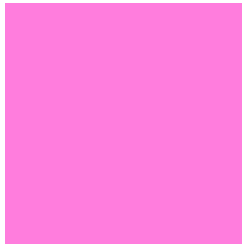
26.3736, 13.0387, 26.4155



2.6128, 1.2875, 2.8082

Previews

White Background



This preview shows how the XYZ color 61.6248, 41.1477, 73.1009 looks on a white background.

Color Contrast Check

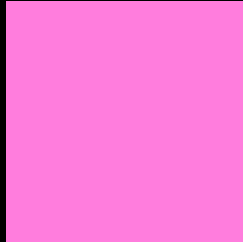
Large Text (above 18pt) WCAG AA × Fail

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 61.6248, 41.1477, 73.1009 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 61.6248, 41.1477, 73.1009

Background



This preview shows how black text looks on a background with the XYZ color 61.6248, 41.1477, 73.1009.



This preview shows how white text looks on a background with the XYZ color 61.6248, 41.1477,

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

61.6248, 41.1477, 73.1009

Protanopia

43.5657, 41.4356, 100.3094

Deuteranopia

42.4740, 41.5558, 69.4008



Tritanopia

53.4686, 41.0583, 34.3851

Trichromacy



Original Color

61.6248, 41.1477, 73.1009



Protanomaly

47.3361, 39.4439, 89.9126



Deuteranomaly

47.7350, 40.0716, 70.8643



Tritanomaly

55.9248, 40.7865, 45.9993

Monochromacy



Original Color

61.6248, 41.1477, 73.1009



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.4732, 40.7571, 55.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6248, 41.1477, 73.1009 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(255, 125, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 221)  
}
```

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(255, 125, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.6248, 41.1477, 73.1009 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(255, 125, 221) }
```


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

```
.border{ border-color:rgb(255, 125, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6248, 41.1477, 73.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 221) }
```

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

```
.background{ background-color: rgb(255,  
125, 221) }
```

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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