

Converting Colors

XYZ(110.3356, 66.6063,
75.3465)

Have a look what the booklet for
XYZ(110.3356, 66.6063, 75.3465)
contains.

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Color

**XYZ(61.8805, 41.6592,
73.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7FDD
RGB	255, 127, 221
RGB Percent	100%, 50%, 87%
CMY	0.0000, 0.5019, 0.1333
CMYK	0.00, 0.50, 0.13, 0.00
HSL	316°, 100%, 75%
HSV	316°, 50%, 100%
XYZ	61.8805, 41.6592, 73.1862
YIQ	175.9880, 46.1140, 56.3700

Conversions

Conversions Part 2

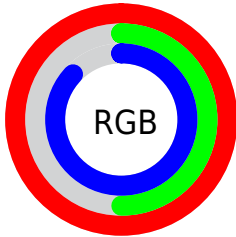
Format	Color
RYB	255, 127, 221
Decimal	16744413
CIELab	70.64, 59.92, -25.82
CIELCh	71, 65.252, 336.688
Yxy	41.6592, 0.3501, 0.2357
Android (android.graphics.Color)	4294934493 (0xFFFF7FDD)
YUV	175.9880, 22.1909, 69.2935
Hunter-Lab	64.5439, 58.1822, -22.0480

Details

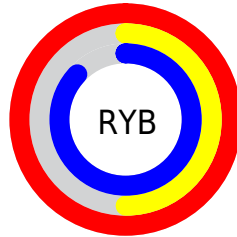
The XYZ color **61.8805, 41.6592, 73.1862** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9470, 78.6060, 46.2083**, and the grayscale version is **41.1331, 43.2752, 47.1267**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **31.9011, 18.9954, 38.0615** is the 20% darker color. If you saturate the color by 10%, you get **58.1097, 35.5327, 67.5663**, and if you desaturate by 10%, it is **66.5230, 49.4703, 79.2773**.

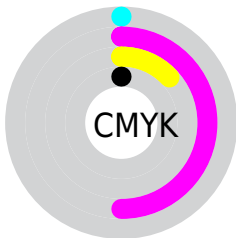
Distribution



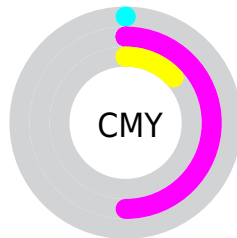
- Red (100%)
- Green (50%)
- Blue (87%)



- Red (100%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8805, 41.6592, 73.1862 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 61.8805, 41.6592, 73.1862 by changing the saturation by 10% instead.


 61.8805, 41.6592,
73.1862


 61.8805, 41.6592,
73.1862

421.2196,
353.0682, 490.7480


 45.1914, 28.8345,
53.6355

 106.6437, 77.6836,
125.4649

 31.8101, 18.9557,
37.9191

 135.4485,
101.6521, 159.0299

 21.3713, 11.6383,
25.6186


 169.0226,
130.1040, 198.1035

 13.5097, 6.4979,
16.3153

207.7313,
163.4237, 243.1041

 7.8599, 3.1501,
9.5908

251.9400,
201.9955, 294.4503

 4.0565, 1.2106,
5.0265

302.0140,

 1.7341, 0.0703,

246.2040, 352.5607

2.2038

358.3188,
296.4334, 417.8537

■ 0.4775, 0.0000,
0.6765

■ 0.0000, 0.0000,
0.0000

■ 61.8805, 41.6592,
73.1862

■ 61.8805, 41.6592,
73.1862

■ 58.1097, 35.5327,
67.5663

■ 66.5230, 49.4703,
79.2773

■ 55.1429, 30.9570,
62.3915

■ 72.0919, 59.0756,
85.8584

■ 52.9074, 27.7868,
57.6359

■ 78.6411, 70.5818,
92.9501

■ 51.3148, 25.8464,
53.2680

■ 86.2193, 84.0856,
100.5704

■ 50.2379, 24.8592,
49.3122

94.8718, 99.6773,
108.7366

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.



53.3367, 41.6592, 111.6782



61.8805, 41.6592, 73.1862



63.9960, 41.6592, 38.7831

Triad

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



61.8805, 41.6592, 73.1862



37.2274, 41.6592, 8.2303



25.1744, 41.6592, 90.9516

Complementary

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



61.8805, 41.6592, 73.1862



50.9470, 78.6060, 46.2083

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.



22.3512, 41.6592, 52.6409



61.8805, 41.6592, 73.1862



28.4443, 41.6592, 12.4393

Square

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



61.8805, 41.6592, 73.1862



48.3912, 41.6592, 9.7400



23.4290, 41.6592, 25.6673



31.9365, 41.6592, 124.7825

Rectangle

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



61.8805, 41.6592, 73.1862



61.1872, 41.6592, 23.5568



23.4290, 41.6592, 25.6673



23.7951, 41.6592, 77.6392

Sweetspot

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



61.8815, 41.6610, 73.1870



82.4454, 77.3397, 96.8405



39.9393, 29.7720, 98.2493



17.3089, 15.9526, 20.3861



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.



61.8815, 41.6610, 73.1870



58.1748, 35.6361, 67.6707



55.0887, 38.9439, 37.4166



18.5746, 18.2131, 21.6428



26.3155, 13.0155, 26.1096



2.6075, 1.2854, 2.7806

Inverse Universe

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



61.8815, 41.6610, 73.1870



58.1748, 35.6361, 67.6707



57.8329, 81.3604, 82.4692



18.5746, 18.2131, 21.6428



26.3155, 13.0155, 26.1096



2.6075, 1.2854, 2.7806

Previews

White Background



This preview shows how the XYZ color 61.8805, 41.6592, 73.1862 looks on a white background.

Color Contrast Check

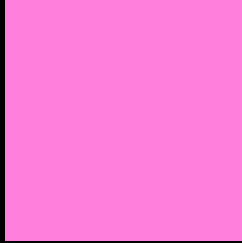
Large Text (above 18pt) WCAG AA × Fail

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 61.8805, 41.6592, 73.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

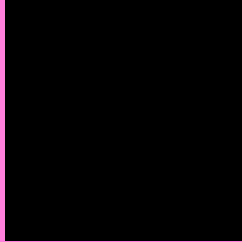
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8805, 41.6592, 73.1862

Background



This preview shows how black text looks on a background with the XYZ color 61.8805, 41.6592, 73.1862.



This preview shows how white text looks on a background with the XYZ color 61.8805, 41.6592,

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

61.8805, 41.6592, 73.1862

Protanopia

44.1182, 42.0162, 99.5506

Deuteranopia

42.8745, 42.0395, 69.4730



Tritanopia

54.1342, 41.6024, 35.3139

Trichromacy



Original Color

61.8805, 41.6592, 73.1862



Protanomaly

47.8323, 39.9611, 89.1966



Deuteranomaly

47.8994, 40.4003, 70.9191



Tritanomaly

56.7652, 41.6149, 47.1601

Monochromacy



Original Color

61.8805, 41.6592, 73.1862



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.9181, 41.2386, 55.3562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8805, 41.6592, 73.1862 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, 127, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 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, 127, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.8805, 41.6592, 73.1862 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, 127, 221) }
```


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

```
.border{ border-color:rgb(255, 127, 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, 127, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8805, 41.6592, 73.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 221) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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