

Converting Colors

XYZ(73.5747, 61.2582, 88.7663)

Have a look what the booklet for
XYZ(73.5747, 61.2582, 88.7663)
contains.

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Color

**XYZ(73.6061, 61.3000,
88.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7EE
RGB	255, 183, 238
RGB Percent	100%, 72%, 93%
CMY	0.0000, 0.2823, 0.0667
CMYK	0.00, 0.28, 0.07, 0.00
HSL	314°, 100%, 86%
HSV	314°, 28%, 100%
XYZ	73.6061, 61.3000, 88.8415
YIQ	210.7980, 25.2570, 32.3690

Conversions

Conversions Part 2

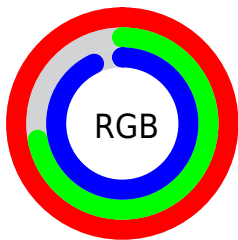
Format	Color
R _Y B	255, 183, 238
Decimal	16758766
CIE Lab	82.54, 34.42, -16.99
CIE LCh	83, 38.383, 333.724
Yxy	61.3000, 0.3290, 0.2740
Android (android.graphics.Color)	4294948846 (0xFFFFB7EE)
YUV	210.7980, 13.4106, 38.7652
Hunter-Lab	78.2943, 30.7965, -12.4711

Details

The XYZ color **73.6061, 61.3000, 88.8415** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7157, 85.7583, 67.7359**, and the grayscale version is **61.6876, 64.9001, 70.6762**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **39.3197, 30.9482, 48.1572** is the 20% darker color. If you saturate the color by 10%, you get **67.9454, 51.3705, 82.6635**, and if you desaturate by 10%, it is **80.2519, 73.1518, 95.4954**.

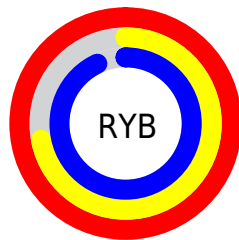
Distribution



Red (100%)

Green (72%)

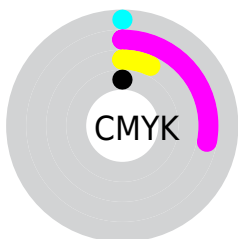
Blue (93%)



Red (100%)

Yellow (72%)

Blue (93%)

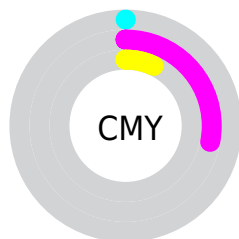


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6061, 61.3000, 88.8415 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 73.6061, 61.3000, 88.8415 by changing the saturation by 10% instead.


 73.6061, 61.3000,
88.8415

 73.6061, 61.3000,
88.8415

462.1841,
429.3731, 544.7276

 54.7618, 44.4673,
66.4519


 123.3358,
106.7132, 147.6496

 39.4442, 31.0381,
48.1805

154.9519,
136.0625, 184.9051

 27.2877, 20.6278,
33.6089


191.5560,
170.3528, 227.9530

 17.9271, 12.8522,
22.3184

233.5135,
209.9685, 277.2119

 10.9971, 7.3269,
13.8905

281.1897,
255.2940, 333.1003

 6.1321, 3.6674,
7.9066

334.9500,

 2.9670, 1.4893,

306.7137, 396.0366

3.9484

395.1596,
364.6119, 466.4396

■ 1.1363, 0.2812,
1.5971

■ 0.0552, 0.0000,
0.2887

■ 73.6061, 61.3000,
88.8415

■ 73.6061, 61.3000,
88.8415

■ 67.9454, 51.3705,
82.6635

■ 80.2519, 73.1518,
95.4954

■ 63.2139, 43.2529,
76.9390

■ 87.9265, 87.0138,
102.6389

■ 59.3564, 36.8367,
71.6490

95.0500, 100.0000,
108.9000

■ 56.3099, 31.9965,
66.7710

■ 54.0028, 28.5896,
62.2798

■ 52.3503, 26.4472,
58.1454

■ 51.2361, 25.3367,
54.3278

■ 51.0667, 25.1907,
53.6765

Harmonies

Analogous

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



67.4809, 61.3000, 111.8832



73.6061, 61.3000, 88.8415



75.4903, 61.3000, 63.8499

Triad

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



73.6061, 61.3000, 88.8415



57.2439, 61.3000, 31.0153



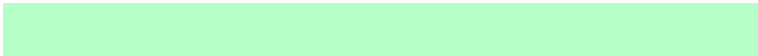
46.0889, 61.3000, 95.1430

Complementary

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



73.6061, 61.3000, 88.8415



65.7157, 85.7583, 67.7359

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.



43.8801, 61.3000, 69.7269



73.6061, 61.3000, 88.8415



49.9268, 61.3000, 35.7472

Square

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



73.6061, 61.3000, 88.8415



65.5400, 61.3000, 33.8442



45.2169, 61.3000, 48.6549



51.5472, 61.3000, 116.0809

Rectangle

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



73.6061, 61.3000, 88.8415



73.9541, 61.3000, 50.1489



45.2169, 61.3000, 48.6549



44.9663, 61.3000, 86.6504

Sweetspot

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



73.6075, 61.3025, 88.8428



88.1180, 87.3615, 102.8113



58.7519, 53.3418, 101.8072



18.5985, 18.2227, 21.7686



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.



73.6075, 61.3025, 88.8428



70.2255, 55.3471, 85.2226



68.8596, 59.4033, 63.8407



18.5985, 18.2227, 21.7686



26.7443, 13.1870, 28.3678



2.6461, 1.3008, 2.9840

Inverse Universe

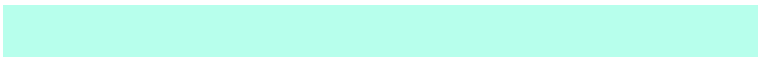
The Inverse Universe completely reimagines the original color for something new.



73.6075, 61.3025, 88.8428



70.2255, 55.3471, 85.2226



70.4013, 87.6326, 92.4100



18.5985, 18.2227, 21.7686



26.7443, 13.1870, 28.3678



2.6461, 1.3008, 2.9840

Previews

White Background



This preview shows how the XYZ color 73.6061, 61.3000, 88.8415 looks on a white background.

Color Contrast Check

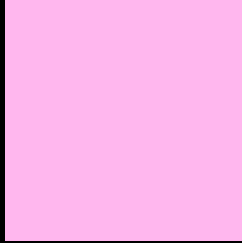
Large Text (above 18pt) WCAG AA × Fail

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 73.6061, 61.3000, 88.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

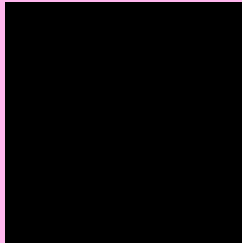
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6061, 61.3000, 88.8415

Background



This preview shows how black text looks on a background with the XYZ color 73.6061, 61.3000, 88.8415.



This preview shows how white text looks on a background with the XYZ color 73.6061, 61.3000,

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

73.6061, 61.3000, 88.8415

Protanopia

61.6692, 61.8161, 100.7768

Deuteranopia

63.0334, 61.7685, 87.1976



Tritanopia

68.8803, 61.2641, 65.3215

Trichromacy



Original Color

73.6061, 61.3000, 88.8415



Protanomaly

65.1437, 60.9470, 96.3262



Deuteranomaly

66.4270, 61.1337, 87.6558



Tritanomaly

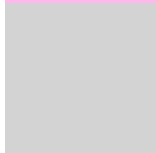
70.3099, 61.1940, 73.0716

Monochromacy



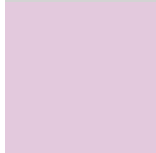
Original Color

73.6061, 61.3000, 88.8415



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.6163, 63.3246, 77.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6061, 61.3000, 88.8415 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, 183, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 238)  
}
```

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, 183, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 238) }
```

Border

The CSS property to change the border of an element to XYZ 73.6061, 61.3000, 88.8415 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, 183, 238) }
```


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

```
.border{ border-color:rgb(255, 183, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6061, 61.3000, 88.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 238) }
```

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

```
.background{ background-color: rgb(255,  
183, 238) }
```

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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