

Converting Colors

XYZ(101.4237, 75.7931,
87.5756)

Have a look what the booklet for
XYZ(101.4237, 75.7931, 87.5756)
contains.

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Color

**XYZ(73.1689, 61.1251,
86.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7EB
RGB	255, 183, 235
RGB Percent	100%, 72%, 92%
CMY	0.0000, 0.2823, 0.0784
CMYK	0.00, 0.28, 0.08, 0.00
HSL	317°, 100%, 86%
HSV	317°, 28%, 100%
XYZ	73.1689, 61.1251, 86.5392
YIQ	210.4560, 26.2200, 31.4360

Conversions

Conversions Part 2

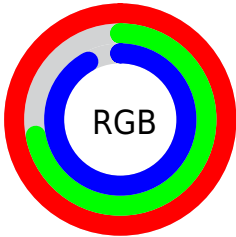
Format	Color
R _Y B	255, 183, 235
Decimal	16758763
CIE Lab	82.45, 33.91, -15.53
CIE LCh	82, 37.296, 335.400
Yxy	61.1251, 0.3313, 0.2768
Android (android.graphics.Color)	4294948843 (0xFFFFB7EB)
YUV	210.4560, 12.1002, 39.0651
Hunter-Lab	78.1825, 30.2338, -10.8995

Details

The XYZ color **73.1689, 61.1251, 86.5392** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.0699, 85.9000, 69.6009**, and the grayscale version is **61.4703, 64.6716, 70.4274**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **39.0129, 30.8255, 46.5415** is the 20% darker color. If you saturate the color by 10%, you get **67.3749, 51.1423, 79.6593**, and if you desaturate by 10%, it is **79.9591, 73.0347, 93.9539**.

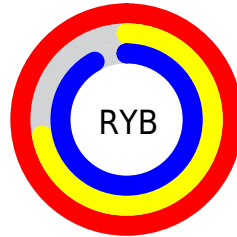
Distribution



Red (100%)

Green (72%)

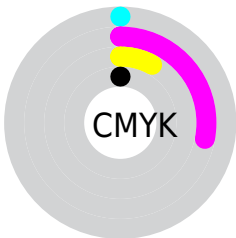
Blue (92%)



Red (100%)

Yellow (72%)

Blue (92%)

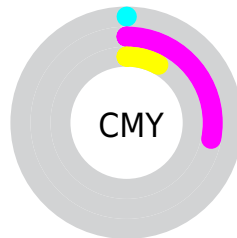


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1689, 61.1251, 86.5392 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 73.1689, 61.1251, 86.5392 by changing the saturation by 10% instead.


 73.1689, 61.1251,
86.5392

 73.1689, 61.1251,
86.5392

460.6947,
428.7325, 536.9843

 54.4029, 44.3261,
64.5565


 122.7188,
106.4601, 144.4149

 39.1559, 30.9270,
46.6525

154.2335,
135.7648, 181.1449

 27.0623, 20.5433,
32.4086


190.7284,
170.0070, 223.6279

 17.7568, 12.7906,
21.4064

232.5690,
209.5710, 272.2822

 10.8742, 7.2845,
13.2273

280.1205,
254.8411, 327.5265

 6.0489, 3.6406,
7.4527

333.7484,

 2.9158, 1.4746,

306.2018, 389.7792

3.6641

393.8180,
364.0375, 459.4590

■ 1.1094, 0.2708,
1.4429

■ 0.0330, 0.0000,
0.1749

■ 73.1689, 61.1251,
86.5392

■ 73.1689, 61.1251,
86.5392

■ 67.3749, 51.1423,
79.6593

■ 79.9591, 73.0347,
93.9539

■ 62.5211, 42.9757,
73.2908

■ 87.7896, 86.9590,
101.9179

■ 58.5521, 36.5149,
67.4136

95.0500, 100.0000,
108.9000

■ 55.4047, 31.6345,
62.0043

■ 53.0071, 28.1914,
57.0365

■ 51.2744, 26.0168,
52.4795

■ 50.0899, 24.8782,
48.2919

■ 49.9091, 24.7276,
47.5806

Harmonies

Analogous

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



67.4311, 61.1251, 109.1037



73.1689, 61.1251, 86.5392



74.7219, 61.1251, 62.5106

Triad

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



73.1689, 61.1251, 86.5392



56.6677, 61.1251, 31.7352



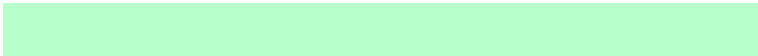
46.4840, 61.1251, 95.3417

Complementary

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



73.1689, 61.1251, 86.5392



66.0699, 85.9000, 69.6009

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.



44.1422, 61.1251, 70.7698



73.1689, 61.1251, 86.5392



49.6677, 61.1251, 36.8162

Square

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



73.1689, 61.1251, 86.5392



64.7106, 61.1251, 34.1033



45.2524, 61.1251, 49.9114



51.9511, 61.1251, 114.9456

Rectangle

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



73.1689, 61.1251, 86.5392



73.0634, 61.1251, 49.4542



45.2524, 61.1251, 49.9114



45.3291, 61.1251, 87.2029

Sweetspot

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



73.1702, 61.1276, 86.5405



87.9848, 87.3082, 102.1101



59.3971, 53.6744, 101.8374



18.5648, 18.2092, 21.5912



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.



73.1702, 61.1276, 86.5405



69.7100, 55.1409, 82.5084



68.5772, 59.2904, 62.3536



18.5648, 18.2092, 21.5912



26.1452, 12.9474, 25.2129



2.5921, 1.2792, 2.6993

Inverse Universe

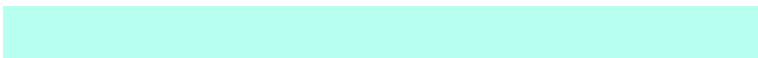
The Inverse Universe completely reimagines the original color for something new.



73.1702, 61.1276, 86.5405



69.7100, 55.1409, 82.5084



70.7520, 87.7729, 94.2569



18.5648, 18.2092, 21.5912



26.1452, 12.9474, 25.2129



2.5921, 1.2792, 2.6993

Previews

White Background



This preview shows how the XYZ color 73.1689, 61.1251, 86.5392 looks on a white background.

Color Contrast Check

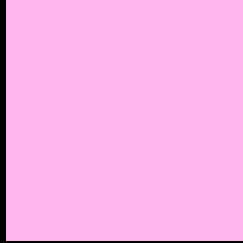
Large Text (above 18pt) WCAG AA × Fail

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 73.1689, 61.1251, 86.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

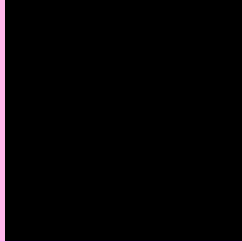
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1689, 61.1251, 86.5392

Background



This preview shows how black text looks on a background with the XYZ color 73.1689, 61.1251, 86.5392.



This preview shows how white text looks on a background with the XYZ color 73.1689, 61.1251,

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

73.1689, 61.1251, 86.5392

Protanopia

61.4567, 61.7610, 98.3045

Deuteranopia

62.6603, 61.2809, 84.8698



Tritanopia

68.7607, 61.2162, 64.6917

Trichromacy



Original Color

73.1689, 61.1251, 86.5392



Protanomaly

64.6843, 60.7632, 93.9072



Deuteranomaly

65.9947, 60.9607, 85.3791



Tritanomaly

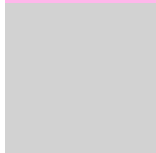
70.1809, 61.1424, 72.3927

Monochromacy



Original Color

73.1689, 61.1251, 86.5392



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.8045, 62.5918, 75.6837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1689, 61.1251, 86.5392 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 235) }
```

Border

The CSS property to change the border of an element to XYZ 73.1689, 61.1251, 86.5392 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, 235) }
```


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

```
.border{ border-color:rgb(255, 183, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1689, 61.1251, 86.5392 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
183, 235) }
```

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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