

Converting Colors

XYZ(72.0861, 61.7475, 77.5832)

Have a look what the booklet for
XYZ(72.0861, 61.7475, 77.5832)
contains.

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Color

**XYZ(72.1182, 61.7055,
77.9214)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBADF
RGB	255, 186, 223
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2706, 0.1255
CMYK	0.00, 0.27, 0.13, 0.00
HSL	328°, 100%, 86%
HSV	328°, 27%, 100%
XYZ	72.1182, 61.7055, 77.9214
YIQ	210.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

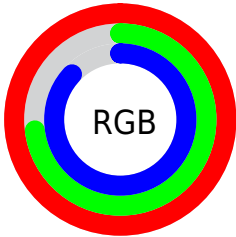
Format	Color
R _Y B	255, 186, 223
Decimal	16759519
CIE Lab	82.76, 30.37, -8.62
CIE LCh	83, 31.569, 344.146
Yxy	61.7055, 0.3406, 0.2914
Android (android.graphics.Color)	4294949599 (0xFFFFBADF)
YUV	210.8490, 5.9904, 38.7204
Hunter-Lab	78.5528, 26.4107, -3.8264

Details

The XYZ color **72.1182, 61.7055, 77.9214** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6666, 87.0220, 79.5107**, and the grayscale version is **61.7667, 64.9834, 70.7669**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **38.3451, 31.2000, 41.0470** is the 20% darker color. If you saturate the color by 10%, you get **65.6785, 51.2893, 68.1810**, and if you desaturate by 10%, it is **79.6307, 74.0885, 88.5705**.

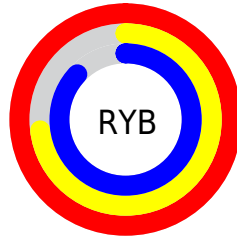
Distribution



Red (100%)

Green (73%)

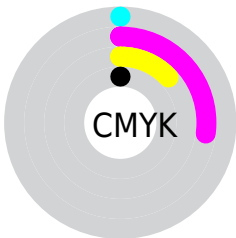
Blue (87%)



Red (100%)

Yellow (73%)

Blue (87%)

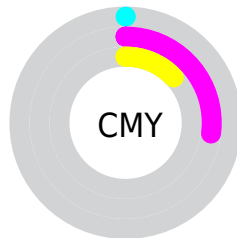


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1182, 61.7055, 77.9214 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 72.1182, 61.7055, 77.9214 by changing the saturation by 10% instead.

 72.1182, 61.7055,
77.9214

 72.1182, 61.7055,
77.9214


457.1042,
430.8560, 507.4207

 53.5410, 44.7948,
57.4933


 121.2345,
107.2998, 132.2242

 38.4641, 31.2958,
40.9895

152.5043,
136.7521, 166.9360

 26.5219, 20.8242,
27.9912


188.7357,
171.1538, 207.2461

 17.3492, 12.9956,
18.0801

230.2940,
210.8892, 253.5731

 10.5806, 7.4255,
10.8374

277.5447,
256.3428, 306.3356

 5.8508, 3.7296,
5.8448

330.8531,

 2.7944, 1.5235,

307.8988, 365.9519

2.6837

390.5844,
365.9418, 432.8408

■ 1.0460, 0.3052,
0.9352

■ 0.0000, 0.0000,
0.0000

■ 72.1182, 61.7055,
77.9214

■ 72.1182, 61.7055,
77.9214

■ 65.6785, 51.2893,
68.1810

■ 79.6307, 74.0885,
88.5705

■ 60.2541, 42.7293,
59.3167

■ 88.2611, 88.5259,
100.1518

■ 55.7883, 35.9158,
51.2989

95.0500, 100.0000,
108.9000

■ 52.2171, 30.7241,
44.0943

■ 49.4676, 27.0130,
37.6663

■ 47.4549, 24.6164,
31.9738

■ 46.0710, 23.3227,
26.9676

■ 45.7363, 23.0585,
25.6070

Harmonies

Analogous

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



68.2150, 61.7055, 97.7279



72.1182, 61.7055, 77.9214



72.2338, 61.7055, 58.4612

Triad

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



72.1182, 61.7055, 77.9214



55.5176, 61.7055, 37.0743



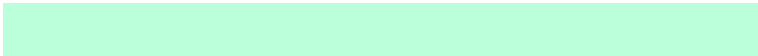
49.7755, 61.7055, 96.7205

Complementary

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



72.1182, 61.7055, 77.9214



68.6666, 87.0220, 79.5107

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.



46.8845, 61.7055, 76.7401



72.1182, 61.7055, 77.9214



50.0224, 61.7055, 43.7807

Square

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



72.1182, 61.7055, 77.9214



62.2866, 61.7055, 37.2685



46.9712, 61.7055, 57.4863



55.1563, 61.7055, 109.9280

Rectangle

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



72.1182, 61.7055, 77.9214



70.1247, 61.7055, 48.3179



46.9712, 61.7055, 57.4863



48.4994, 61.7055, 90.4216

Sweetspot

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



72.1196, 61.7081, 77.9227



87.3977, 87.0734, 99.0185



64.2413, 57.1002, 102.2433



18.4166, 18.1500, 20.8110



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.



72.1196, 61.7081, 77.9227



68.8049, 56.3186, 72.9954



68.0350, 60.0743, 56.4135



18.4166, 18.1500, 20.8110



23.9744, 12.0791, 13.7818



2.3895, 1.1982, 1.6326

Inverse Universe

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



72.1196, 61.7081, 77.9227



68.8049, 56.3186, 72.9954



73.5106, 88.9596, 105.0188



18.4166, 18.1500, 20.8110



23.9744, 12.0791, 13.7818



2.3895, 1.1982, 1.6326

Previews

White Background



This preview shows how the XYZ color 72.1182, 61.7055, 77.9214 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 72.1182, 61.7055, 77.9214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

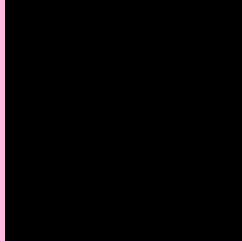
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1182, 61.7055, 77.9214

Background



This preview shows how black text looks on a background with the XYZ color 72.1182, 61.7055, 77.9214.



This preview shows how white text looks on a background with the XYZ color 72.1182, 61.7055,

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

72.1182, 61.7055, 77.9214

Protanopia

61.1838, 62.2174, 87.3817

Deuteranopia

63.0877, 61.6915, 76.2927



Tritanopia

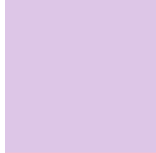
69.6047, 61.6375, 65.3554

Trichromacy



Original Color

72.1182, 61.7055, 77.9214



Protanomaly

64.4367, 61.5298, 84.0816



Deuteranomaly

66.1705, 61.5743, 76.8041



Tritanomaly

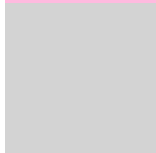
70.6141, 61.7404, 69.8233

Monochromacy



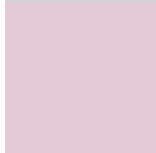
Original Color

72.1182, 61.7055, 77.9214



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.0648, 63.4782, 73.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1182, 61.7055, 77.9214 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, 186, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 223)  
}
```

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, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.1182, 61.7055, 77.9214 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, 186, 223) }
```


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

```
.border{ border-color:rgb(255, 186, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1182, 61.7055, 77.9214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 223) }
```

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

```
.background{ background-color: rgb(255,  
186, 223) }
```

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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