

Converting Colors

XYZ(110.9255, 81.6250,
80.7705)

Have a look what the booklet for
XYZ(110.9255, 81.6250, 80.7705)
contains.

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Color

**XYZ(72.2535, 61.7596,
78.6336)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAE0
RGB	255, 186, 224
RGB Percent	100%, 73%, 88%
CMY	0.0000, 0.2706, 0.1216
CMYK	0.00, 0.27, 0.12, 0.00
HSL	327°, 100%, 86%
HSV	327°, 27%, 100%
XYZ	72.2535, 61.7596, 78.6336
YIQ	210.9630, 28.9260, 26.4460

Conversions

Conversions Part 2

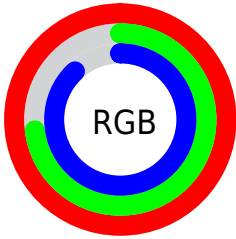
Format	Color
R _Y B	255, 186, 224
Decimal	16759520
CIE Lab	82.79, 30.53, -9.12
CIE LCh	83, 31.861, 343.371
Yxy	61.7596, 0.3398, 0.2904
Android (android.graphics.Color)	4294949600 (0xFFFFBAE0)
YUV	210.9630, 6.4272, 38.6204
Hunter-Lab	78.5873, 26.5860, -4.3139

Details

The XYZ color **72.2535, 61.7596, 78.6336** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5361, 86.9698, 78.8235**, and the grayscale version is **61.8393, 65.0597, 70.8500**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **38.4387, 31.2374, 41.5396** is the 20% darker color. If you saturate the color by 10%, you get **65.8511, 51.3583, 69.0902**, and if you desaturate by 10%, it is **79.7218, 74.1250, 89.0506**.

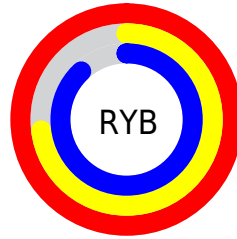
Distribution



Red (100%)

Green (73%)

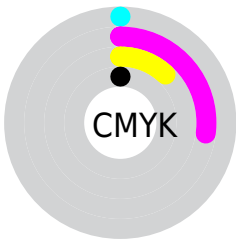
Blue (88%)



Red (100%)

Yellow (73%)

Blue (88%)

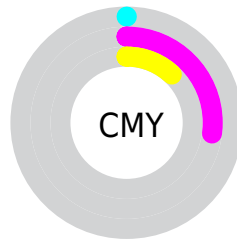


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2535, 61.7596, 78.6336 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 72.2535, 61.7596, 78.6336 by changing the saturation by 10% instead.


 72.2535, 61.7596,
78.6336

 72.2535, 61.7596,
78.6336


457.5674,
431.0536, 509.9008

 53.6520, 44.8385,
58.0751


 121.4257,
107.3780, 133.2369

 38.5531, 31.3302,
41.4539


152.7271,
136.8441, 168.1188

 26.5914, 20.8504,
28.3516


188.9926,
171.2606, 208.6121

 17.4016, 13.0147,
18.3495

230.5874,
211.0120, 255.1356

 10.6183, 7.4387,
11.0292

277.8769,
256.4826, 308.1076

 5.8762, 3.7379,
5.9720

331.2265,

 2.8099, 1.5281,

308.0568, 367.9468

2.7596

391.0016,
366.1190, 435.0717

■ 1.0540, 0.3084,
0.9732

■ 0.0000, 0.0000,
0.0000

■ 72.2535, 61.7596,
78.6336

■ 72.2535, 61.7596,
78.6336

■ 65.8511, 51.3583,
69.0902

■ 79.7218, 74.1250,
89.0506

■ 60.4576, 42.8107,
60.3888

■ 88.3013, 88.5419,
100.3635

■ 56.0166, 36.0071,
52.5010

95.0500, 100.0000,
108.9000

■ 52.4640, 30.8229,
45.3948

■ 49.7275, 27.1169,
39.0348

■ 47.7222, 24.7233,
33.3812

■ 46.3404, 23.4305,
28.3863

■ 46.0053, 23.1661,
27.0240

Harmonies

Analogous

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



68.2226, 61.7596, 98.5776



72.2535, 61.7596, 78.6336



72.4764, 61.7596, 58.8905

Triad

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



72.2535, 61.7596, 78.6336



55.7057, 61.7596, 36.8072



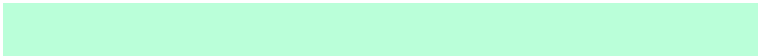
49.6336, 61.7596, 96.6331

Complementary

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



72.2535, 61.7596, 78.6336



68.5361, 86.9698, 78.8235

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.



46.7914, 61.7596, 76.3560



72.2535, 61.7596, 78.6336



50.1087, 61.7596, 43.3744

Square

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



72.2535, 61.7596, 78.6336



62.5528, 61.7596, 37.1800



46.9583, 61.7596, 57.0141



55.0100, 61.7596, 110.2742

Rectangle

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



72.2535, 61.7596, 78.6336



70.4071, 61.7596, 48.5501



46.9583, 61.7596, 57.0141



48.3695, 61.7596, 90.2132

Sweetspot

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



72.2548, 61.7622, 78.6349



87.4431, 87.0915, 99.2571



63.9005, 56.9245, 102.2273



18.4280, 18.1545, 20.8711



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.



72.2548, 61.7622, 78.6349



68.9595, 56.3804, 73.8093



68.1607, 60.1245, 57.0756



18.4280, 18.1545, 20.8711



24.1152, 12.1354, 14.5229



2.4031, 1.2036, 1.7041

Inverse Universe

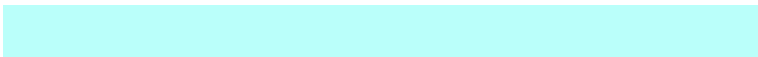
The Inverse Universe completely reimagines the original color for something new.



72.2548, 61.7622, 78.6349



68.9595, 56.3804, 73.8093



73.3293, 88.8871, 104.0641



18.4280, 18.1545, 20.8711



24.1152, 12.1354, 14.5229



2.4031, 1.2036, 1.7041

Previews

White Background



This preview shows how the XYZ color 72.2535, 61.7596, 78.6336 looks on a white background.

Color Contrast Check

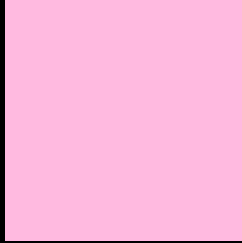
Large Text (above 18pt) WCAG AA × Fail

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 72.2535, 61.7596, 78.6336 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 72.2535, 61.7596, 78.6336

Background



This preview shows how black text looks on a background with the XYZ color 72.2535, 61.7596, 78.6336.



This preview shows how white text looks on a background with the XYZ color 72.2535, 61.7596,

78.6336.

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

72.2535, 61.7596, 78.6336

Protanopia

61.0590, 62.1363, 88.1322

Deuteranopia

63.4530, 62.2094, 77.0699



Tritanopia

69.6047, 61.6375, 65.3554

Trichromacy



Original Color

72.2535, 61.7596, 78.6336



Protanomaly

64.5784, 61.5865, 84.8277



Deuteranomaly

66.5290, 62.0774, 77.5829



Tritanomaly

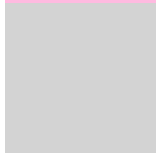
70.6141, 61.7404, 69.8233

Monochromacy



Original Color

72.2535, 61.7596, 78.6336



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.1938, 63.5298, 73.7921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2535, 61.7596, 78.6336 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.2535, 61.7596, 78.6336 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, 224) }
```


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

```
.border{ border-color:rgb(255, 186, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2535, 61.7596, 78.6336 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
186, 224) }
```

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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