

Converting Colors

XYZ(103.9068, 81.4024,
74.8153)

Have a look what the booklet for
XYZ(103.9068, 81.4024, 74.8153)
contains.

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Color

**XYZ(73.2457, 65.6462,
73.1005)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D7
RGB	255, 196, 215
RGB Percent	100%, 77%, 84%
CMY	0.0000, 0.2313, 0.1569
CMYK	0.00, 0.23, 0.16, 0.00
HSL	341°, 100%, 88%
HSV	341°, 23%, 100%
XYZ	73.2457, 65.6462, 73.1005
YIQ	215.8070, 29.0650, 18.4170

Conversions

Conversions Part 2

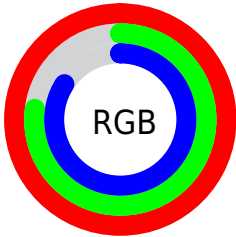
Format	Color
R _Y B	255, 196, 215
Decimal	16762071
CIE Lab	84.82, 23.86, -1.31
CIE LCh	85, 23.893, 356.867
Yxy	65.6462, 0.3455, 0.3097
Android (android.graphics.Color)	4294952151 (0xFFFFC4D7)
YUV	215.8070, -0.3979, 34.3723
Hunter-Lab	81.0223, 19.5782, 3.2226

Details

The XYZ color **73.2457, 65.6462, 73.1005** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6676, 89.3130, 92.7170**, and the grayscale version is **65.1291, 68.5209, 74.6193**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **39.3069, 33.8898, 37.7274** is the 20% darker color. If you saturate the color by 10%, you get **65.8696, 54.2635, 60.2542**, and if you desaturate by 10%, it is **81.8371, 79.0834, 87.5119**.

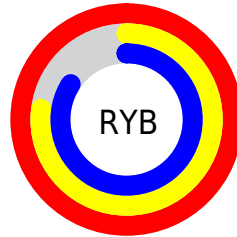
Distribution



Red (100%)

Green (77%)

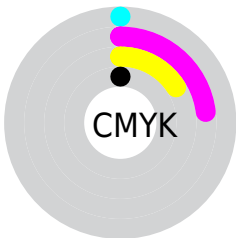
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

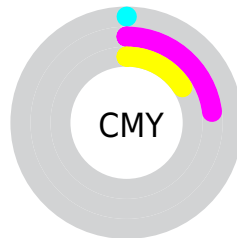


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2457, 65.6462, 73.1005 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 73.2457, 65.6462, 73.1005 by changing the saturation by 10% instead.


 73.2457, 65.6462,
73.1005

 73.2457, 65.6462,
73.1005


460.9565,
445.1105, 490.4432

 54.4660, 47.9853,
53.5658


 122.8272,
112.9784, 125.3421

 39.2065, 33.8152,
37.8638

154.3597,
143.4184, 158.8861

 27.1018, 22.7517,
25.5760


190.8738,
178.8869, 197.9370

 17.7867, 14.4103,
16.2838

232.7350,
219.7683, 242.9133

 10.8957, 8.4066,
9.5687

280.3084,
266.4470, 294.2335

 6.0635, 4.3562,
5.0121


333.9596,


 2.9248, 1.8747,


319.3073, 352.3162

2.1955


394.0539,
378.7337, 417.5799


 1.1141, 0.5331,
0.6718

 0.0369, 0.0000,
0.0000


 73.2457, 65.6462,
73.1005


 73.2457, 65.6462,
73.1005

 65.8696, 54.2635,
60.2542


 81.8371, 79.0834,
87.5119

 59.6477, 44.8252,
48.9144

 91.6922, 94.6611,
103.5364

 54.5200, 37.2236,
39.0243

95.0500, 100.0000,
108.9000

 50.4194, 31.3370,
30.5217

■ 47.2708, 27.0289,
23.3396

■ 44.9880, 24.1417,
17.4042

■ 43.4677, 22.4845,
12.6329

■ 42.7670, 21.8708,
9.9713

Harmonies

Analogous

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



71.4161, 65.6462, 88.8288



73.2457, 65.6462, 73.1005



72.0333, 65.6462, 58.9674

Triad

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



73.2457, 65.6462, 73.1005



57.8582, 65.6462, 48.2764



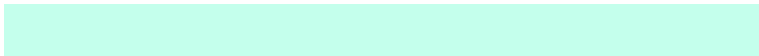
56.9368, 65.6462, 99.1103

Complementary

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



73.2457, 65.6462, 73.1005



73.6676, 89.3130, 92.7170

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.



53.6568, 65.6462, 85.6426



73.2457, 65.6462, 73.1005



54.1670, 65.6462, 56.5471

Square

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



73.2457, 65.6462, 73.1005



62.9589, 65.6462, 45.9012



52.6721, 65.6462, 69.8788



61.8340, 65.6462, 105.1328

Rectangle

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



73.2457, 65.6462, 73.1005



69.6990, 65.6462, 52.0531



52.6721, 65.6462, 69.8788



55.6195, 65.6462, 95.2174

Sweetspot

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



73.2472, 65.6490, 73.1018



87.7298, 88.3801, 97.1480



72.1631, 64.4220, 103.2390



18.6491, 18.7134, 20.5849



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.



73.2472, 65.6490, 73.1018



69.5099, 59.8600, 66.6594



73.2370, 69.3107, 61.7466



18.2504, 18.0835, 19.9358



22.4068, 11.4520, 5.5267



2.2291, 1.1340, 0.7881

Inverse Universe

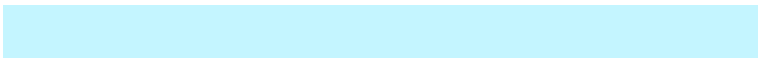
The Inverse Universe completely reimagines the original color for something new.



73.2472, 65.6490, 73.1018



69.5099, 59.8600, 66.6594



73.5197, 84.3629, 107.0165



18.2504, 18.0835, 19.9358



22.4068, 11.4520, 5.5267



2.2291, 1.1340, 0.7881

Previews

White Background



This preview shows how the XYZ color 73.2457, 65.6462, 73.1005 looks on a white background.

Color Contrast Check

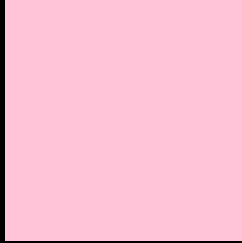
Large Text (above 18pt) WCAG AA × Fail

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 73.2457, 65.6462, 73.1005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

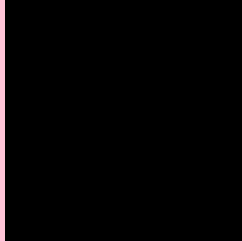
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2457, 65.6462, 73.1005

Background



This preview shows how black text looks on a background with the XYZ color 73.2457, 65.6462, 73.1005.



This preview shows how white text looks on a background with the XYZ color 73.2457, 65.6462,

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

73.2457, 65.6462, 73.1005

Protanopia

63.9002, 65.9674, 79.8861

Deuteranopia

67.1203, 65.6225, 72.0796



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

73.2457, 65.6462, 73.1005

Protanomaly

67.1174, 65.8571, 77.5808

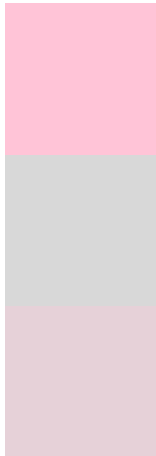
Deuteranomaly

69.1933, 65.6214, 72.6376

Tritanomaly

73.2165, 65.9966, 71.8305

Monochromacy



Original Color

73.2457, 65.6462, 73.1005

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.8283, 67.3818, 74.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2457, 65.6462, 73.1005 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, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 215)  
}
```

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, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 215) }
```

Border

The CSS property to change the border of an element to XYZ 73.2457, 65.6462, 73.1005 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, 196, 215) }
```


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

```
.border{ border-color:rgb(255, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2457, 65.6462, 73.1005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 215) }
```

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

```
.background{ background-color: rgb(255,  
196, 215) }
```

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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