

Converting Colors

XYZ(73.0787, 65.6965, 72.4323)

Have a look what the booklet for
XYZ(73.0787, 65.6965, 72.4323)
contains.

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Color

**XYZ(73.1175, 65.5949,
72.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D6
RGB	255, 196, 214
RGB Percent	100%, 77%, 84%
CMY	0.0000, 0.2313, 0.1608
CMYK	0.00, 0.23, 0.16, 0.00
HSL	342°, 100%, 88%
HSV	342°, 23%, 100%
XYZ	73.1175, 65.5949, 72.4257
YIQ	215.6930, 29.3860, 18.1060

Conversions

Conversions Part 2

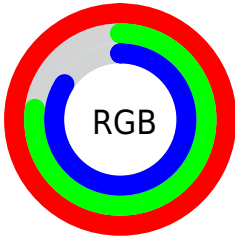
Format	Color
R _Y B	255, 196, 214
Decimal	16762070
CIE Lab	84.79, 23.70, -0.81
CIE LCh	85, 23.716, 358.042
Yxy	65.5949, 0.3463, 0.3107
Android (android.graphics.Color)	4294952150 (0xFFFFC4D6)
YUV	215.6930, -0.8346, 34.4722
Hunter-Lab	80.9907, 19.4142, 3.6735

Details

The XYZ color **73.1175, 65.5949, 72.4257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8133, 89.3713, 93.4845**, and the grayscale version is **65.0543, 68.4422, 74.5335**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **39.2197, 33.8550, 37.2684** is the 20% darker color. If you saturate the color by 10%, you get **65.7055, 54.1979, 59.3898**, and if you desaturate by 10%, it is **81.7565, 79.0511, 87.0871**.

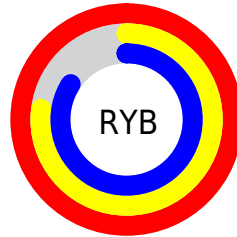
Distribution



Red (100%)

Green (77%)

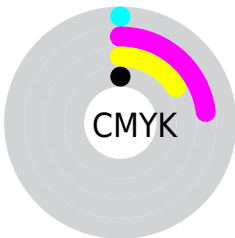
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

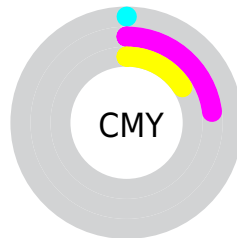


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1175, 65.5949, 72.4257 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 73.1175, 65.5949, 72.4257 by changing the saturation by 10% instead.


 73.1175, 65.5949,
72.4257

 73.1175, 65.5949,
72.4257


460.5194,
444.9267, 488.0393

 54.3608, 47.9436,
53.0175


 122.6462,
112.9047, 124.3749

 39.1220, 33.7822,
37.4289


154.1489,
143.3320, 157.7531

 27.0358, 22.7264,
25.2414


190.6310,
178.7868, 196.6249

 17.7368, 14.3916,
16.0363

232.4578,
219.6535, 241.4091

 10.8597, 8.3935,
9.3952

279.9947,
266.3164, 292.5240

 6.0392, 4.3478,
4.8995

333.6070,

 2.9098, 1.8699,

319.1600, 350.3884

2.1307

393.6602,
378.5686, 415.4206

■ 1.1063, 0.5302,
0.6340

■ 0.0303, 0.0000,
0.0000

■ 73.1175, 65.5949,
72.4257

■ 73.1175, 65.5949,
72.4257

■ 65.7055, 54.1979,
59.3898

■ 81.7565, 79.0511,
87.0871

■ 59.4584, 44.7495,
47.9176

■ 91.6710, 94.6526,
103.4247

■ 54.3158, 37.1419,
37.9490

95.0500, 100.0000,
108.9000

■ 50.2099, 31.2532,
29.4183

■ 47.0647, 26.9465,
22.2546

■ 44.7934, 24.0639,
16.3798

■ 43.2917, 22.4141,
11.7063

■ 42.6074, 21.8070,
9.1307

Harmonies

Analogous

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



71.4164, 65.5949, 88.0448



73.1175, 65.5949, 72.4257



71.7991, 65.5949, 58.5376

Triad

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



73.1175, 65.5949, 72.4257



57.6680, 65.5949, 48.5963



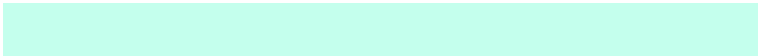
57.0961, 65.5949, 99.2156

Complementary

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



73.1175, 65.5949, 72.4257



73.8133, 89.3713, 93.4845

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.



53.7613, 65.5949, 86.0698



73.1175, 65.5949, 72.4257



54.0780, 65.5949, 57.0348

Square

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



73.1175, 65.5949, 72.4257



62.6956, 65.5949, 46.0014



52.6880, 65.5949, 70.4270



61.9977, 65.5949, 104.8145

Rectangle

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



73.1175, 65.5949, 72.4257



69.4249, 65.5949, 51.8084



52.6880, 65.5949, 70.4270



55.7654, 65.5949, 95.4488

Sweetspot

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



73.1191, 65.5977, 72.4271



87.6842, 88.3619, 96.9077



72.4893, 64.5901, 103.2543



18.6385, 18.7092, 20.5293



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

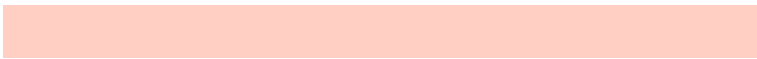
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1191, 65.5977, 72.4271



69.3628, 59.8012, 65.8850



73.4742, 69.7851, 61.8256



18.2375, 18.0783, 19.8676



22.3211, 11.4177, 5.0756



2.2195, 1.1302, 0.7374

Inverse Universe

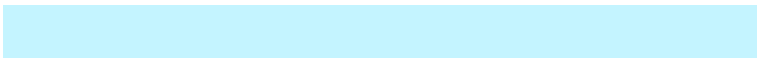
The Inverse Universe completely reimagines the original color for something new.



73.1191, 65.5977, 72.4271



69.3628, 59.8012, 65.8850



73.2228, 83.7690, 106.9175



18.2375, 18.0783, 19.8676



22.3211, 11.4177, 5.0756



2.2195, 1.1302, 0.7374

Previews

White Background



This preview shows how the XYZ color 73.1175, 65.5949, 72.4257 looks on a white background.

Color Contrast Check

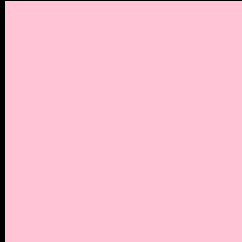
Large Text (above 18pt) WCAG AA × Fail

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 73.1175, 65.5949, 72.4257 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 73.1175, 65.5949, 72.4257

Background



This preview shows how black text looks on a background with the XYZ color 73.1175, 65.5949, 72.4257.



This preview shows how white text looks on a background with the XYZ color 73.1175, 65.5949,

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

73.1175, 65.5949, 72.4257

Protanopia

64.0541, 66.0624, 79.1873

Deuteranopia

66.9937, 65.5719, 71.4131



Tritanopia

72.8636, 65.4933, 71.0885

Trichromacy



Original Color

73.1175, 65.5949, 72.4257

Protanomaly

66.9845, 65.8039, 76.8811

Deuteranomaly

69.0660, 65.5704, 71.9670

Tritanomaly

72.9902, 65.5440, 71.7550

Monochromacy



Original Color

73.1175, 65.5949, 72.4257

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.6993, 67.3302, 73.7179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1175, 65.5949, 72.4257 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.1175, 65.5949, 72.4257 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, 214) }
```


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

```
.border{ border-color:rgb(255, 196, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1175, 65.5949, 72.4257 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
196, 214) }
```

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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