

Converting Colors

XYZ(71.0506, 65.1322, 73.8344)

Have a look what the booklet for
XYZ(71.0506, 65.1322, 73.8344)
contains.

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Color

**XYZ(70.9465, 65.1202,
73.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6D8
RGB	247, 198, 216
RGB Percent	97%, 78%, 85%
CMY	0.0314, 0.2235, 0.1529
CMYK	0.00, 0.20, 0.13, 0.03
HSL	338°, 75%, 87%
HSV	338°, 20%, 97%
XYZ	70.9465, 65.1202, 73.7959
YIQ	214.7030, 23.4260, 15.9860

Conversions

Conversions Part 2

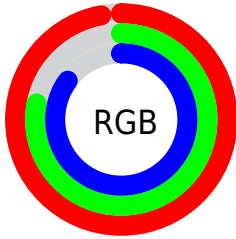
Format	Color
R _Y B	247, 198, 216
Decimal	16238296
CIE Lab	84.55, 20.17, -2.32
CIE LCh	85, 20.307, 353.426
Yxy	65.1202, 0.3381, 0.3103
Android (android.graphics.Color)	4294428376 (0xFFF7C6D8)
YUV	214.7030, 0.6394, 28.3245
Hunter-Lab	80.6971, 15.7120, 2.2684

Details

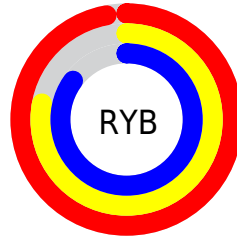
The XYZ color **70.9465, 65.1202, 73.7959** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6949, 84.1861, 86.6563**, and the grayscale version is **64.3768, 67.7294, 73.7573**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6415, 33.4669, 38.1940** is the 20% darker color. If you saturate the color by 10%, you get **63.8294, 53.9665, 61.9250**, and if you desaturate by 10%, it is **79.1801, 78.1978, 86.9886**.

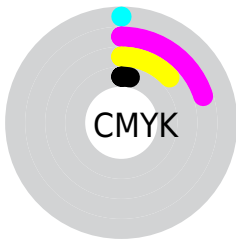
Distribution



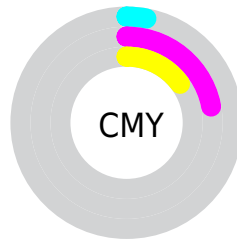
- Red (97%)
- Green (78%)
- Blue (85%)



- Red (97%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (3%)




- Cyan (3%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9465, 65.1202, 73.7959 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 70.9465, 65.1202, 73.7959 by changing the saturation by 10% instead.


 70.9465, 65.1202,
73.7959

 70.9465, 65.1202,
73.7959


453.0811,
443.2238, 492.9132

 52.5809, 47.5586,
54.1312


119.5765,
112.2227, 126.3378

 37.6945, 33.4774,
38.3127

150.5716,
142.5322, 160.0521

 25.9218, 22.4924,
25.9218


186.5072,
177.8599, 199.2867

 16.8975, 14.2192,
16.5399

227.7488,
218.5901, 244.4602

 10.2563, 8.2733,
9.7485

274.6616,
265.1072, 295.9910

 5.6328, 4.2703,
5.1291

327.6110,

 2.6616, 1.8259,

317.7956, 354.2978

2.2632

386.9624,
377.0397, 419.7990

■ 0.9775, 0.5032,
0.7105

■ 0.0000, 0.0000,
0.0000

■ 70.9465, 65.1202,
73.7959

■ 70.9465, 65.1202,
73.7959

■ 63.8294, 53.9665,
61.9250

■ 79.1801, 78.1978,
86.9886

■ 57.7733, 44.6367,
51.3289

■ 88.5714, 93.2758,
101.5398

■ 52.7264, 37.0350,
41.9634

■ 92.1681, 98.5143,
108.7651

■ 48.6297, 31.0531,
33.7801

■ 45.4182, 26.5706,
26.7270

■ 43.0177, 23.4498,
20.7473

■ 41.3411, 21.5273,
15.7776

■ 40.2498, 20.5381,
11.7353

■ 40.2344, 20.5248,
11.6757

Harmonies

Analogous

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



69.1482, 65.1202, 86.8124



70.9465, 65.1202, 73.7959



70.2262, 65.1202, 61.4528

Triad

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



70.9465, 65.1202, 73.7959



58.4999, 65.1202, 50.4109



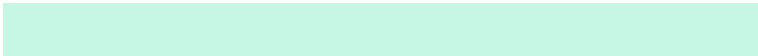
56.8540, 65.1202, 92.8570

Complementary

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



70.9465, 65.1202, 73.7959



70.6949, 84.1861, 86.6563

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.



54.2499, 65.1202, 81.2795



70.9465, 65.1202, 73.7959



55.1673, 65.1202, 57.0699

Square

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



70.9465, 65.1202, 73.7959



62.8962, 65.1202, 48.9203



53.6477, 65.1202, 68.0903



60.9041, 65.1202, 98.6504

Rectangle

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



70.9465, 65.1202, 73.7959



68.4310, 65.1202, 55.1186



53.6477, 65.1202, 68.0903



55.7886, 65.1202, 89.4496

Sweetspot

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



70.9484, 65.1231, 73.7973



88.8421, 90.0158, 99.3345



69.0487, 63.6362, 96.6401



18.8772, 19.0447, 21.0457



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.



70.9484, 65.1231, 73.7973



72.9180, 64.7269, 73.8048



70.0786, 66.9055, 62.6502



16.7507, 16.5831, 18.4340



21.3409, 10.8798, 6.5036



1.9234, 0.9753, 0.8230

Inverse Universe

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



70.9484, 65.1231, 73.7973



72.9180, 64.7269, 73.8048



71.6186, 81.8014, 100.0109



16.7507, 16.5831, 18.4340



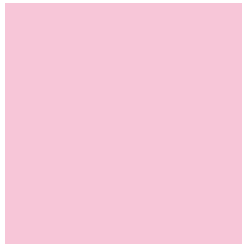
21.3409, 10.8798, 6.5036



1.9234, 0.9753, 0.8230

Previews

White Background



This preview shows how the XYZ color 70.9465, 65.1202, 73.7959 looks on a white background.

Color Contrast Check

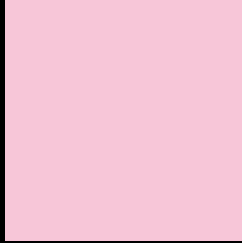
Large Text (above 18pt) WCAG AA × Fail

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 70.9465, 65.1202, 73.7959 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 70.9465, 65.1202, 73.7959

Background



This preview shows how black text looks on a background with the XYZ color 70.9465, 65.1202, 73.7959.



This preview shows how white text looks on a background with the XYZ color 70.9465, 65.1202,

73.7959.

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

70.9465, 65.1202, 73.7959

Protanopia

63.5173, 65.4179, 79.0912

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

70.6895, 65.0174, 72.4422

Trichromacy



Original Color

70.9465, 65.1202, 73.7959

Protanomaly

66.0409, 65.3175, 76.8369

Deuteranomaly

67.9783, 64.9802, 73.2496

Tritanomaly

70.8176, 65.0686, 73.1170

Monochromacy



Original Color

70.9465, 65.1202, 73.7959

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.7448, 66.8381, 73.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9465, 65.1202, 73.7959 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(247, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 216)  
}
```

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(247, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.9465, 65.1202, 73.7959 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(247, 198, 216) }
```


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

```
.border{ border-color:rgb(247, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9465, 65.1202, 73.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 216) }
```

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

```
.background{ background-color: rgb(247,  
198, 216) }
```

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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