

Converting Colors

XYZ(75.1197, 66.9729, 71.0579)

Have a look what the booklet for
XYZ(75.1197, 66.9729, 71.0579)
contains.

XYZ(73.0899, 65.9460, 71.1639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0899, 65.9460,
71.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D4
RGB	255, 197, 212
RGB Percent	100%, 77%, 83%
CMY	0.0000, 0.2274, 0.1686
CMYK	0.00, 0.23, 0.17, 0.00
HSL	344°, 100%, 89%
HSV	344°, 23%, 100%
XYZ	73.0899, 65.9460, 71.1639
YIQ	216.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

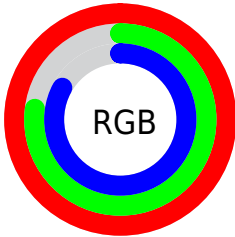
Format	Color
R_{YB}	255, 197, 212
Decimal	16762324
CIE _{Lab}	84.97, 22.87, 0.52
CIE _{LCh}	85, 22.877, 1.300
Yxy	65.9460, 0.3477, 0.3137
Android (android.graphics.Color)	4294952404 (0xFFFFC5D4)
YUV	216.0520, -1.9976, 34.1574
Hunter-Lab	81.2071, 18.5451, 4.8877

Details

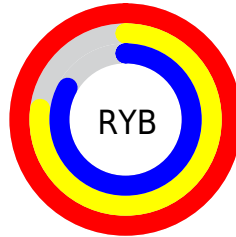
The XYZ color **73.0899, 65.9460, 71.1639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5165, 89.6827, 95.8250**, and the grayscale version is **65.3061, 68.7071, 74.8220**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **39.1970, 34.0850, 36.4114** is the 20% darker color. If you saturate the color by 10%, you get **65.5349, 54.4319, 57.5598**, and if you desaturate by 10%, it is **81.9067, 79.5362, 86.5682**.

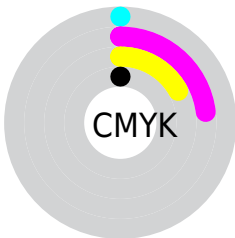
Distribution



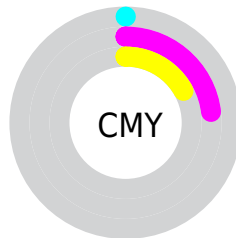
- Red (100%)
- Green (77%)
- Blue (83%)



- Red (100%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0899, 65.9460, 71.1639 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 73.0899, 65.9460, 71.1639 by changing the saturation by 10% instead.


 73.0899, 65.9460,
71.1639

 73.0899, 65.9460,
71.1639


460.4253,
446.1837, 483.5253

 54.3381, 48.2286,
51.9933

122.6073,
113.4088, 122.5637

 39.1038, 34.0079,
36.6175

154.1036,
143.9230, 155.6300

 27.0216, 22.8997,
24.6180


190.5787,
179.4716, 194.1653

 17.7261, 14.5195,
15.5763

232.3982,
220.4389, 238.5881

 10.8520, 8.4828,
9.0737

279.9272,
267.2094, 289.3169

 6.0340, 4.4054,
4.6918

333.5311,

 2.9066, 1.9028,

320.1674, 346.7704

2.0121

393.5754,
379.6974, 411.3670

■ 1.1046, 0.5501,
0.5627

■ 0.0289, 0.0000,
0.0000

■ 73.0899, 65.9460,
71.1639

■ 73.0899, 65.9460,
71.1639

■ 65.5349, 54.4319,
57.5598

■ 81.9067, 79.5362,
86.5682

■ 59.1782, 44.8830,
45.6848

■ 92.0356, 95.2891,
103.8320

■ 53.9576, 37.1911,
35.4691

95.0500, 100.0000,
108.9000

■ 49.8034, 31.2338,
26.8362

■ 46.6379, 26.8742,
19.7034

■ 44.3721, 23.9543,
13.9797

■ 42.8998, 22.2833,
9.5627

■ 42.2214, 21.6526,
7.0980

Harmonies

Analogous

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



71.7556, 65.9460, 86.2743



73.0899, 65.9460, 71.1639



71.5105, 65.9460, 58.0788

Triad

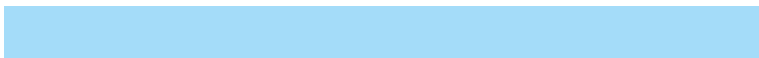
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0899, 65.9460, 71.1639



57.6836, 65.9460, 50.2302



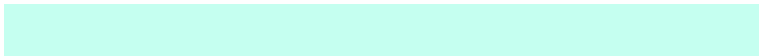
58.0517, 65.9460, 99.6062

Complementary

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



73.0899, 65.9460, 71.1639



74.5165, 89.6827, 95.8250

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.



54.6076, 65.9460, 87.5372



73.0899, 65.9460, 71.1639



54.4033, 65.9460, 59.0495

Square

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



73.0899, 65.9460, 71.1639



62.4558, 65.9460, 47.0586



53.3081, 65.9460, 72.4479



62.9041, 65.9460, 103.9857

Rectangle

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



73.0899, 65.9460, 71.1639



69.0652, 65.9460, 51.9000



53.3081, 65.9460, 72.4479



56.7004, 65.9460, 96.2395

Sweetspot

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



73.0915, 65.9489, 71.1653



87.5594, 88.3120, 96.2508



73.7952, 65.5993, 103.3802



18.6097, 18.6977, 20.3775



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.



73.0915, 65.9489, 71.1653



69.7239, 60.7984, 65.1570



74.4984, 71.6509, 62.7306



18.2021, 18.0642, 19.6815



22.1127, 11.3344, 3.9781



2.1953, 1.1205, 0.6099

Inverse Universe

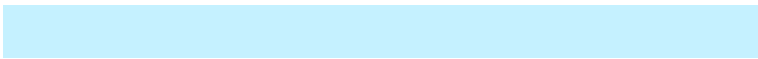
The Inverse Universe completely reimagines the original color for something new.



73.0915, 65.9489, 71.1653



69.7239, 60.7984, 65.1570



72.6716, 82.2793, 106.6590



18.2021, 18.0642, 19.6815



22.1127, 11.3344, 3.9781



2.1953, 1.1205, 0.6099

Previews

White Background



This preview shows how the XYZ color 73.0899, 65.9460, 71.1639 looks on a white background.

Color Contrast Check

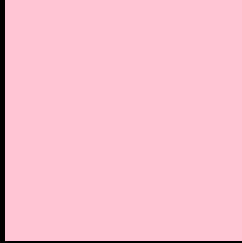
Large Text (above 18pt) WCAG AA × Fail

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 73.0899, 65.9460, 71.1639 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 73.0899, 65.9460, 71.1639

Background



This preview shows how black text looks on a background with the XYZ color 73.0899, 65.9460, 71.1639.



This preview shows how white text looks on a background with the XYZ color 73.0899, 65.9460,

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

73.0899, 65.9460, 71.1639

Protanopia

63.9441, 66.0520, 77.0892

Deuteranopia

67.6358, 66.2882, 70.2029



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

73.0899, 65.9460, 71.1639

Protanomaly

66.9088, 65.8104, 74.8218

Deuteranomaly

69.7318, 66.2923, 70.7484

Tritanomaly

73.0899, 65.9460, 71.1639

Monochromacy



Original Color

73.0899, 65.9460, 71.1639

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 73.0899, 65.9460, 71.1639 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, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 212)  
}
```

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, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.0899, 65.9460, 71.1639 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, 197, 212) }
```


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

```
.border{ border-color:rgb(255, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0899, 65.9460, 71.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 212) }
```

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

```
.background{ background-color: rgb(255,  
197, 212) }
```

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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