

Converting Colors

XYZ(112.8854, 85.4220,
79.1711)

Have a look what the booklet for
XYZ(112.8854, 85.4220, 79.1711)
contains.

XYZ(73.5829, 65.0640, 77.0870)	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(73.5829, 65.0640,
77.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2DD
RGB	255, 194, 221
RGB Percent	100%, 76%, 87%
CMY	0.0000, 0.2392, 0.1333
CMYK	0.00, 0.24, 0.13, 0.00
HSL	333°, 100%, 88%
HSV	333°, 24%, 100%
XYZ	73.5829, 65.0640, 77.0870
YIQ	215.3170, 27.6890, 21.3290

Conversions

Conversions Part 2

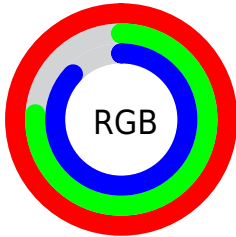
Format	Color
R _{YB}	255, 194, 221
Decimal	16761565
CIE _{Lab}	84.52, 25.85, -4.95
CIE _{LCh}	85, 26.317, 349.162
Yxy	65.0640, 0.3411, 0.3016
Android (android.graphics.Color)	4294951645 (0xFFFFC2DD)
YUV	215.3170, 2.8017, 34.8020
Hunter-Lab	80.6623, 21.6749, -0.1985

Details

The XYZ color **73.5829, 65.0640, 77.0870** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0139, 88.5918, 86.7066**, and the grayscale version is **64.7759, 68.1493, 74.2146**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.5497, 33.5151, 40.4610** is the 20% darker color. If you saturate the color by 10%, you get **66.5727, 53.9471, 65.7993**, and if you desaturate by 10%, it is **81.7303, 78.1981, 89.5465**.

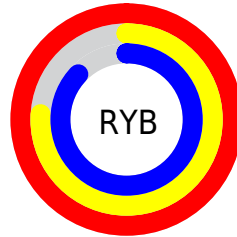
Distribution



Red (100%)

Green (76%)

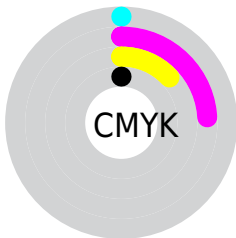
Blue (87%)



Red (100%)

Yellow (76%)

Blue (87%)

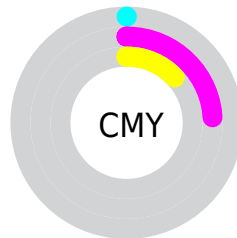


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5829, 65.0640, 77.0870 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 73.5829, 65.0640, 77.0870 by changing the saturation by 10% instead.


 73.5829, 65.0640,
77.0870

 73.5829, 65.0640,
77.0870


462.1051,
443.0219, 504.5061

 54.7428, 47.5130,
56.8123


 123.3030,
112.1419, 131.0364

 39.4289, 33.4414,
40.4462


154.9138,
142.4375, 165.5482

 27.2757, 22.4648,
27.5702


191.5121,
177.7501, 205.6428

 17.9181, 14.1988,
17.7657

233.4634,
218.4641, 251.7387

 10.9905, 8.2591,
10.6142

281.1330,
264.9639, 304.2544

 6.1277, 4.2612,
5.6972

334.8862,

 2.9643, 1.8207,

317.6339, 363.6085

2.5960

395.0885,
376.8584, 430.2196

■ 1.1349, 0.5000,
0.8904

■ 0.0540, 0.0000,
0.0000

■ 73.5829, 65.0640,
77.0870

■ 73.5829, 65.0640,
77.0870

■ 66.5727, 53.9471,
65.7993

■ 81.7303, 78.1981,
89.5465

■ 60.6415, 44.7380,
55.6420

■ 91.0602, 93.4348,
103.2093

■ 55.7324, 37.3296,
46.5768

95.0500, 100.0000,
108.9000

■ 51.7816, 31.6009,
38.5612

■ 48.7174, 27.4156,
31.5493

■ 46.4570, 24.6158,
25.4902

■ 44.9002, 23.0090,
20.3261

■ 44.2128, 22.4491,
17.5844

Harmonies

Analogous

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



70.7650, 65.0640, 94.1132



73.5829, 65.0640, 77.0870



73.1085, 65.0640, 60.7692

Triad

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



73.5829, 65.0640, 77.0870



58.2156, 65.0640, 44.5218



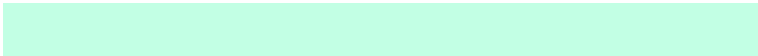
54.7611, 65.0640, 98.1735

Complementary

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



73.5829, 65.0640, 77.0870



72.0139, 88.5918, 86.7066

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.



51.7957, 65.0640, 81.9741



73.5829, 65.0640, 77.0870



53.7014, 65.0640, 51.7655

Square

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



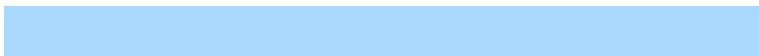
73.5829, 65.0640, 77.0870



63.9846, 65.0640, 43.6381



51.4205, 65.0640, 64.9468



59.7466, 65.0640, 107.5045

Rectangle

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



73.5829, 65.0640, 77.0870



70.9970, 65.0640, 52.3542



51.4205, 65.0640, 64.9468



53.5088, 65.0640, 93.2422

Sweetspot

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



73.5844, 65.0668, 77.0883



88.0567, 88.5109, 98.8696



69.1963, 62.2272, 102.9717



18.7247, 18.7437, 20.9831



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.



73.5844, 65.0668, 77.0883



69.8835, 59.1719, 71.2088



70.9572, 65.1131, 59.8707



18.3434, 18.1207, 20.4254



23.1744, 11.7591, 9.5689



2.3103, 1.1665, 1.2155

Inverse Universe

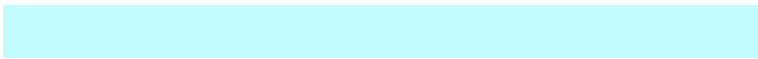
The Inverse Universe completely reimagines the original color for something new.



73.5844, 65.0668, 77.0883



69.8835, 59.1719, 71.2088



75.0945, 88.2797, 107.6895



18.3434, 18.1207, 20.4254



23.1744, 11.7591, 9.5689



2.3103, 1.1665, 1.2155

Previews

White Background



This preview shows how the XYZ color 73.5829, 65.0640, 77.0870 looks on a white background.

Color Contrast Check

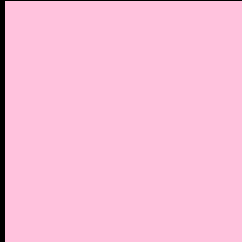
Large Text (above 18pt) WCAG AA × Fail

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 73.5829, 65.0640, 77.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

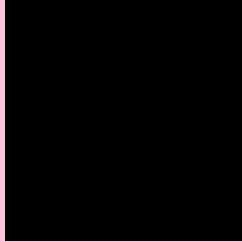
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5829, 65.0640, 77.0870

Background



This preview shows how black text looks on a background with the XYZ color 73.5829, 65.0640, 77.0870.



This preview shows how white text looks on a background with the XYZ color 73.5829, 65.0640,

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

73.5829, 65.0640, 77.0870

Protanopia

63.7649, 65.4180, 84.8675

Deuteranopia

66.6124, 65.2711, 76.1056



Tritanopia

72.3708, 65.2538, 70.4089

Trichromacy



Original Color

73.5829, 65.0640, 77.0870



Protanomaly

66.8220, 64.9005, 81.6782



Deuteranomaly

69.0648, 65.1177, 76.6390



Tritanomaly

72.6539, 65.0073, 73.0084

Monochromacy



Original Color

73.5829, 65.0640, 77.0870



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.4703, 66.4584, 74.9173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5829, 65.0640, 77.0870 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, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 221)  
}
```

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, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.5829, 65.0640, 77.0870 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, 194, 221) }
```


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

```
.border{ border-color:rgb(255, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5829, 65.0640, 77.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 221) }
```

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

```
.background{ background-color: rgb(255,  
194, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor