

Converting Colors

XYZ(110.0112, 85.0482,
75.6388)

Have a look what the booklet for
XYZ(110.0112, 85.0482, 75.6388)
contains.

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Color

**XYZ(73.6009, 66.1504,
73.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D8
RGB	255, 197, 216
RGB Percent	100%, 77%, 85%
CMY	0.0000, 0.2274, 0.1529
CMYK	0.00, 0.23, 0.15, 0.00
HSL	340°, 100%, 89%
HSV	340°, 23%, 100%
XYZ	73.6009, 66.1504, 73.8549
YIQ	216.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

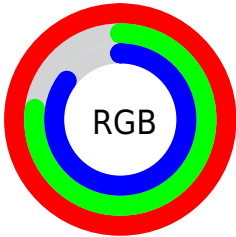
Format	Color
RYB	255, 197, 216
Decimal	16762328
CIELab	85.07, 23.49, -1.46
CIELCh	85, 23.532, 356.438
Yxy	66.1504, 0.3446, 0.3097
Android (android.graphics.Color)	4294952408 (0xFFFFC5D8)
YUV	216.5080, -0.2504, 33.7575
Hunter-Lab	81.3329, 19.1981, 3.0943

Details

The XYZ color **73.6009, 66.1504, 73.8549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9286, 89.4476, 92.7292**, and the grayscale version is **65.6062, 69.0229, 75.1659**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **39.5442, 34.2239, 38.2399** is the 20% darker color. If you saturate the color by 10%, you get **66.1905, 54.6942, 61.0122**, and if you desaturate by 10%, it is **82.2252, 79.6636, 88.2454**.

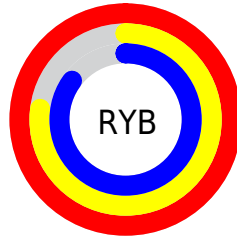
Distribution



Red (100%)

Green (77%)

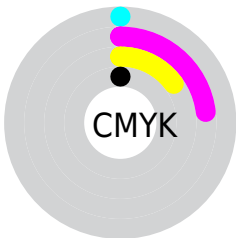
Blue (85%)



Red (100%)

Yellow (77%)

Blue (85%)

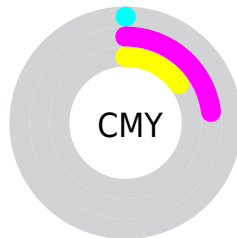


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6009, 66.1504, 73.8549 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 73.6009, 66.1504, 73.8549 by changing the saturation by 10% instead.


 73.6009, 66.1504,
73.8549

 73.6009, 66.1504,
73.8549


462.1664,
446.9146, 493.1224

 54.7576, 48.3945,
54.1792


123.3284,
113.7022, 126.4222

 39.4407, 34.1394,
38.3508

154.9434,
144.2668, 160.1510

 27.2850, 23.0007,
25.9511


191.5462,
179.8699, 199.4012

 17.9251, 14.5940,
16.5616

233.5023,
220.8957, 244.5913

 10.9956, 8.5350,
9.7638

281.1770,
267.7287, 296.1400

 6.1311, 4.4391,
5.1391


334.9357,


 2.9664, 1.9221,


320.7532, 354.4657


2.2689


395.1437,
380.3537, 419.9870


 1.1360, 0.5616,
0.7137


 0.0549, 0.0000,
0.0000


 73.6009, 66.1504,
73.8549


 73.6009, 66.1504,
73.8549

 66.1905, 54.6942,
61.0122


 82.2252, 79.6636,
88.2454

 59.9330, 45.1849,
49.6595

 92.1112, 95.3194,
104.2305

 54.7689, 37.5156,
39.7413

95.0500, 100.0000,
108.9000

 50.6315, 31.5650,
31.1969

■ 47.4463, 27.1976,
23.9605

■ 45.1280, 24.2567,
17.9601

■ 43.5744, 22.5531,
13.1149

■ 42.8216, 21.8926,
10.2585

Harmonies

Analogous

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



71.7518, 66.1504, 89.3925



73.6009, 66.1504, 73.8549



72.4454, 66.1504, 59.8007

Triad

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



73.6009, 66.1504, 73.8549



58.4460, 66.1504, 48.9308



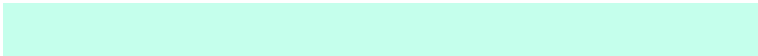
57.4078, 66.1504, 99.1798

Complementary

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



73.6009, 66.1504, 73.8549



73.9286, 89.4476, 92.7292

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.



54.1851, 66.1504, 85.8145



73.6009, 66.1504, 73.8549



54.7604, 66.1504, 57.0693

Square

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



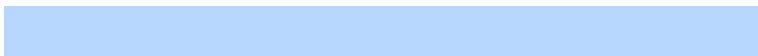
73.6009, 66.1504, 73.8549



63.5092, 66.1504, 46.6525



53.2435, 66.1504, 70.2286



62.2430, 66.1504, 105.2509

Rectangle

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



73.6009, 66.1504, 73.8549



70.1600, 66.1504, 52.8841



53.2435, 66.1504, 70.2286



56.1107, 66.1504, 95.3070

Sweetspot

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



73.6025, 66.1533, 73.8563



87.7448, 88.3861, 97.2269



72.4998, 64.9315, 103.3196



18.6526, 18.7148, 20.6031



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.



73.6025, 66.1533, 73.8563



70.3022, 61.0297, 68.2023



73.5522, 69.7583, 62.4151



18.2547, 18.0852, 19.9582



22.4360, 11.4637, 5.6805



2.2324, 1.1353, 0.8052

Inverse Universe

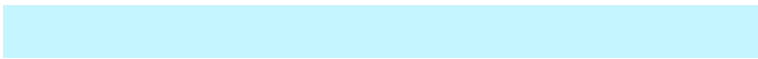
The Inverse Universe completely reimagines the original color for something new.



73.6025, 66.1533, 73.8563



70.3022, 61.0297, 68.2023



73.8312, 84.5985, 107.0456



18.2547, 18.0852, 19.9582



22.4360, 11.4637, 5.6805



2.2324, 1.1353, 0.8052

Previews

White Background



This preview shows how the XYZ color 73.6009, 66.1504, 73.8549 looks on a white background.

Color Contrast Check

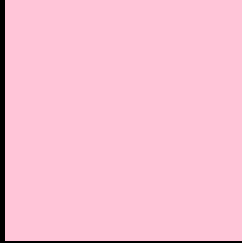
Large Text (above 18pt) WCAG AA × Fail

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 73.6009, 66.1504, 73.8549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

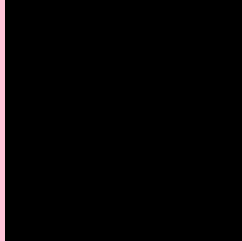
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6009, 66.1504, 73.8549

Background



This preview shows how black text looks on a background with the XYZ color 73.6009, 66.1504, 73.8549.



This preview shows how white text looks on a background with the XYZ color 73.6009, 66.1504,

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

73.6009, 66.1504, 73.8549

Protanopia

64.5747, 66.6693, 80.6992

Deuteranopia

67.8132, 66.3213, 72.8455



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

73.6009, 66.1504, 73.8549

Protanomaly

67.4925, 66.3936, 78.3652

Deuteranomaly

69.8973, 66.3189, 73.4068

Tritanomaly

73.5717, 66.5032, 72.5771

Monochromacy



Original Color

73.6009, 66.1504, 73.8549

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.5260, 68.0919, 75.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6009, 66.1504, 73.8549 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.6009, 66.1504, 73.8549 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, 216) }
```


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

```
.border{ border-color:rgb(255, 197, 216) }
```

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, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6009, 66.1504, 73.8549 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, 216) }
```

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

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