

Converting Colors

XYZ(91.0880, 76.3000, 76.2871)

Have a look what the booklet for
XYZ(91.0880, 76.3000, 76.2871)
contains.

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Color

**XYZ(74.5492, 67.6305,
75.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8DA
RGB	255, 200, 218
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2157, 0.1451
CMYK	0.00, 0.22, 0.15, 0.00
HSL	340°, 100%, 89%
HSV	340°, 22%, 100%
XYZ	74.5492, 67.6305, 75.4545
YIQ	218.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

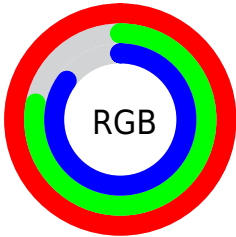
Format	Color
R _Y B	255, 200, 218
Decimal	16763098
CIE Lab	85.82, 22.23, -1.43
CIE LCh	86, 22.271, 356.314
Yxy	67.6305, 0.3425, 0.3108
Android (android.graphics.Color)	4294953178 (0xFFFFC8DA)
YUV	218.4970, -0.2450, 32.0131
Hunter-Lab	82.2378, 17.8956, 3.1669

Details

The XYZ color **74.5492, 67.6305, 75.4545** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8678, 89.9149, 93.5337**, and the grayscale version is **66.9736, 70.4615, 76.7325**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1784, 35.2079, 39.3285** is the 20% darker color. If you saturate the color by 10%, you get **66.9984, 55.9378, 62.4290**, and if you desaturate by 10%, it is **83.3203, 81.3917, 90.0351**.

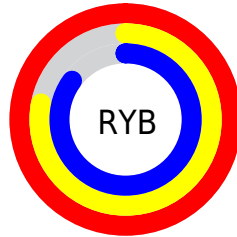
Distribution



Red (100%)

Green (78%)

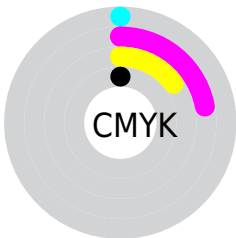
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

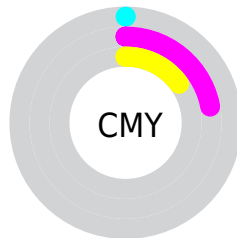


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5492, 67.6305, 75.4545 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 74.5492, 67.6305, 75.4545 by changing the saturation by 10% instead.


 74.5492, 67.6305,
75.4545

 74.5492, 67.6305,
75.4545


465.3878,
452.1857, 498.7753

 55.5365, 49.5972,
55.4813

124.6654,
115.8234, 128.7085

 40.0670, 35.0934,
39.3860


156.4996,
146.7518, 162.8265

 27.7752, 23.7349,
26.7500


193.3383,
182.7473, 202.4964

 18.2959, 15.1371,
17.1548

235.5470,
224.1943, 248.1370

 11.2636, 8.9156,
10.1818

283.4909,
271.4773, 300.1666

 6.3130, 4.6862,
5.4125

337.5354,

 3.0788, 2.0643,

324.9806, 359.0038

2.4283

398.0459,
385.0886, 425.0672

■ 1.1956, 0.6445,
0.8018

■ 0.1029, 0.0000,
0.0000

■ 74.5492, 67.6305,
75.4545

■ 74.5492, 67.6305,
75.4545

■ 66.9984, 55.9378,
62.4290

■ 83.3203, 81.3917,
90.0351

■ 60.6076, 46.2045,
50.9011

■ 93.3594, 97.3062,
106.2171

■ 55.3179, 38.3246,
40.8156

95.0500, 100.0000,
108.9000

■ 51.0633, 32.1785,
32.1121

■ 47.7703, 27.6325,
24.7255

■ 45.3551, 24.5328,
18.5846

■ 43.7180, 22.6953,
13.6096

■ 42.8185, 21.8914,
10.2421

Harmonies

Analogous

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



72.7721, 67.6305, 90.3017



74.5492, 67.6305, 75.4545



73.4576, 67.6305, 61.9000

Triad

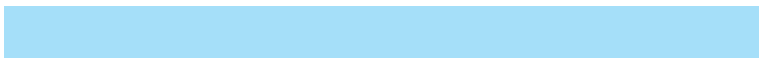
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5492, 67.6305, 75.4545



60.0396, 67.6305, 51.2649



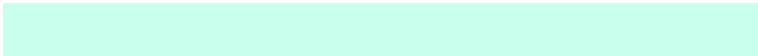
59.0045, 67.6305, 99.5065

Complementary

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



74.5492, 67.6305, 75.4545



74.8678, 89.9149, 93.5337

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.



55.9019, 67.6305, 86.7735



74.5492, 67.6305, 75.4545



56.4771, 67.6305, 59.1620

Square

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



74.5492, 67.6305, 75.4545



64.9119, 67.6305, 49.0616



55.0014, 67.6305, 71.8511



63.6537, 67.6305, 105.2961

Rectangle

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



74.5492, 67.6305, 75.4545



71.2795, 67.6305, 55.1740



55.0014, 67.6305, 71.8511



57.7558, 67.6305, 95.8207

Sweetspot

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



74.5507, 67.6334, 75.4559



88.7485, 89.9783, 98.8415



73.5202, 66.4789, 103.5645



18.8551, 19.0359, 20.9294



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

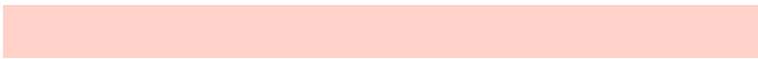
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5507, 67.6334, 75.4559



71.0553, 62.1991, 69.4917



74.5086, 71.1156, 64.4469



18.2544, 18.0851, 19.9569



22.4343, 11.4630, 5.6717



2.2322, 1.1353, 0.8042

Inverse Universe

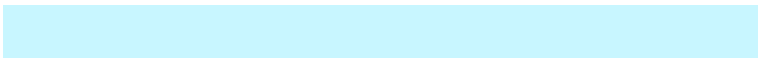
The Inverse Universe completely reimagines the original color for something new.



74.5507, 67.6334, 75.4559



71.0553, 62.1991, 69.4917



74.7764, 85.3110, 107.1333



18.2544, 18.0851, 19.9569



22.4343, 11.4630, 5.6717



2.2322, 1.1353, 0.8042

Previews

White Background



This preview shows how the XYZ color 74.5492, 67.6305, 75.4545 looks on a white background.

Color Contrast Check

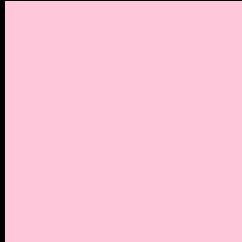
Large Text (above 18pt) WCAG AA × Fail

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 74.5492, 67.6305, 75.4545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

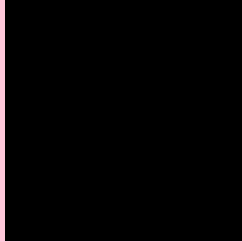
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5492, 67.6305, 75.4545

Background



This preview shows how black text looks on a background with the XYZ color 74.5492, 67.6305, 75.4545.



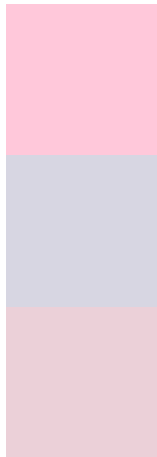
This preview shows how white text looks on a background with the XYZ color 74.5492, 67.6305,

75.4545.

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

74.5492, 67.6305, 75.4545

Protanopia

65.7984, 68.0312, 81.6149

Deuteranopia

69.2115, 67.7318, 74.3914



Tritanopia

74.2889, 67.5264, 74.0842

Trichromacy



Original Color

74.5492, 67.6305, 75.4545

Protanomaly

68.7529, 67.7516, 79.2657

Deuteranomaly

70.9737, 67.5496, 74.9433

Tritanomaly

74.4187, 67.5783, 74.7673

Monochromacy



Original Color

74.5492, 67.6305, 75.4545

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6084, 69.3572, 76.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5492, 67.6305, 75.4545 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, 200, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 218)  
}
```

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, 200, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.5492, 67.6305, 75.4545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

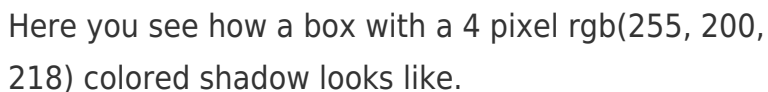
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 200, 218) }
```


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

```
.border{ border-color:rgb(255, 200, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 200, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 218); box-shadow:4px 4px 4px 4px rgb(255, 200, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5492, 67.6305, 75.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 218) }
```

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

```
.background{ background-color: rgb(255,  
200, 218) }
```

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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