

# Converting Colors

XYZ(75.2524, 69.0368, 75.6898)

Have a look what the booklet for  
XYZ(75.2524, 69.0368, 75.6898)  
contains.

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# Color

**XYZ(75.2508, 69.0338,  
75.6884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCBDA
RGB	255, 203, 218
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2039, 0.1451
CMYK	0.00, 0.20, 0.15, 0.00
HSL	343°, 100%, 90%
HSV	343°, 20%, 100%
XYZ	75.2508, 69.0338, 75.6884
YIQ	220.2580, 26.1770, 15.6890

# Conversions

## Conversions Part 2

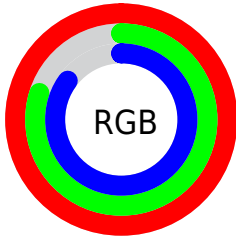
Format	Color
R <sub>Y</sub> B	255, 203, 218
Decimal	16763866
CIE Lab	86.52, 20.65, -0.41
CIE LCh	87, 20.656, 358.867
Yxy	69.0338, 0.3421, 0.3138
Android (android.graphics.Color)	4294953946 (0xFFFFCBDA)
YUV	220.2580, -1.1132, 30.4687
Hunter-Lab	83.0866, 16.2644, 4.1499

# Details

The XYZ color **75.2508, 69.0338, 75.6884** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1191, 90.5089, 95.8997**, and the grayscale version is **68.2038, 71.7557, 78.1420**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6470, 36.1450, 39.4847** is the 20% darker color. If you saturate the color by 10%, you get **67.4708, 57.0680, 62.0144**, and if you desaturate by 10%, it is **84.2845, 83.0903, 91.0647**.

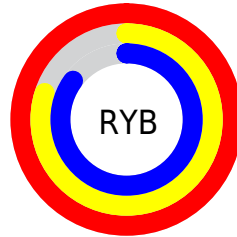
# Distribution



Red (100%)

Green (80%)

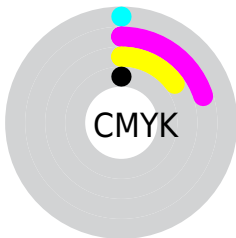
Blue (85%)



Red (100%)

Yellow (80%)

Blue (85%)

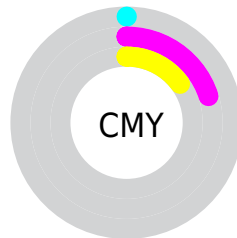


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2508, 69.0338, 75.6884 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 75.2508, 69.0338, 75.6884 by changing the saturation by 10% instead.



75.2508, 69.0338,  
75.6884

75.2508, 69.0338,  
75.6884

467.7631,  
457.1502, 499.5988

56.1133, 50.7392,  
55.6719

125.6533,  
117.8299, 129.0424

40.5311, 36.0011,  
39.5377

157.6490,  
149.1001, 163.2170

28.1389, 24.4351,  
26.8672

194.6615,  
185.4644, 202.9480

18.5714, 15.6567,  
17.2420

237.0562,  
227.3072, 248.6540

11.4632, 9.2815,  
10.2434

285.1983,  
275.0127, 300.7536

6.4489, 4.9253,  
5.4529

339.4532,

3.1631, 2.2035,

328.9655, 359.6652

2.4520

400.1864,  
389.5498, 425.8074

■ 1.2406, 0.7219,  
0.8146

■ 0.1381, 0.0000,  
0.0000

■ 75.2508, 69.0338,  
75.6884

■ 75.2508, 69.0338,  
75.6884

■ 67.4708, 57.0680,  
62.0144

■ 84.2845, 83.0903,  
91.0647

■ 60.8828, 47.0839,  
49.9783

94.6200, 99.3220,  
108.1959

■ 55.4273, 38.9761,  
39.5179

95.0500, 100.0000,  
108.9000

■ 51.0375, 32.6258,  
30.5651

■ 47.6391, 27.9005,  
23.0466

■ 45.1480, 24.6486,  
16.8821

■ 43.4647, 22.6893,  
11.9821

■ 42.4607, 21.7483,  
8.3581

# Harmonies

## Analogous

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



73.8100, 69.0338, 89.6307



75.2508, 69.0338, 75.6884



74.0070, 69.0338, 63.1482

# Triad

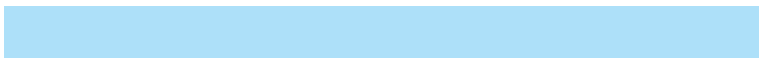
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2508, 69.0338, 75.6884



61.2718, 69.0338, 54.3696



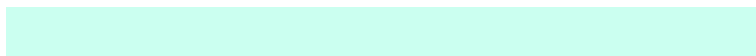
60.9712, 69.0338, 100.0542

# Complementary

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



75.2508, 69.0338, 75.6884



76.1191, 90.5089, 95.8997

# 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.



57.8819, 69.0338, 88.6195



75.2508, 69.0338, 75.6884



58.0494, 69.0338, 62.3479

# Square

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



75.2508, 69.0338, 75.6884



65.7967, 69.0338, 51.7776



56.8382, 69.0338, 74.6462



65.4328, 69.0338, 104.7113



# Rectangle

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



75.2508, 69.0338, 75.6884



71.8554, 69.0338, 57.0138



56.8382, 69.0338, 74.6462



59.7460, 69.0338, 96.8123

# Sweetspot

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



75.2524, 69.0368, 75.6898



88.6581, 89.9422, 98.3654



75.1398, 68.3555, 103.8414



18.8338, 19.0274, 20.8171



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.



75.2524, 69.0368, 75.6898



72.3017, 64.4804, 70.5597



75.9164, 73.3645, 66.6632



18.2248, 18.0732, 19.8009



22.2422, 11.3862, 4.6597



2.2105, 1.1266, 0.6899



# Inverse Universe

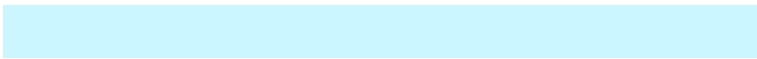
The Inverse Universe completely reimagines the original color for something new.



75.2524, 69.0368, 75.6898



72.3017, 64.4804, 70.5597



75.2121, 84.9811, 107.0466



18.2248, 18.0732, 19.8009



22.2422, 11.3862, 4.6597



2.2105, 1.1266, 0.6899



# Previews

## White Background



This preview shows how the XYZ color 75.2508, 69.0338, 75.6884 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

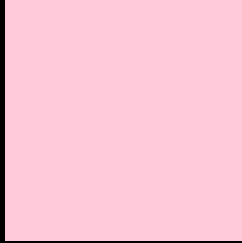
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.2508, 69.0338, 75.6884 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

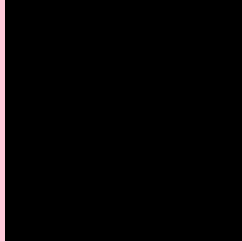
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.2508, 69.0338, 75.6884

## Background



This preview shows how black text looks on a background with the XYZ color 75.2508, 69.0338, 75.6884.



This preview shows how white text looks on a background with the XYZ color 75.2508, 69.0338,

75.6884.

# 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

75.2508, 69.0338, 75.6884

### Protanopia

67.0599, 69.4534, 81.1056

### Deuteranopia

70.8309, 69.2801, 75.2848



## Tritanopia

75.3821, 69.0863, 76.3798

# Trichromacy



## Original Color

75.2508, 69.0338, 75.6884

## Protanomaly

69.4341, 68.8514, 78.7373

## Deuteranomaly

72.1454, 68.8685, 75.1361

## Tritanomaly

75.3821, 69.0863, 76.3798

# Monochromacy



## Original Color

75.2508, 69.0338, 75.6884

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

70.4370, 70.5312, 76.9193

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.2508, 69.0338, 75.6884 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, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 75.2508, 69.0338, 75.6884 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, 203, 218) }
```



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

```
.border{ border-color:rgb(255, 203, 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, 203, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.2508, 69.0338, 75.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 218) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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