

Converting Colors

XYZ(73.8509, 69.5275, 68.5771)

Have a look what the booklet for
XYZ(73.8509, 69.5275, 68.5771)
contains.

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Color

**XYZ(73.8418, 69.5303,
68.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCECF
RGB	253, 206, 207
RGB Percent	99%, 81%, 81%
CMY	0.0078, 0.1921, 0.1882
CMYK	0.00, 0.19, 0.18, 0.01
HSL	359°, 92%, 90%
HSV	359°, 19%, 99%
XYZ	73.8418, 69.5303, 68.5603
YIQ	220.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

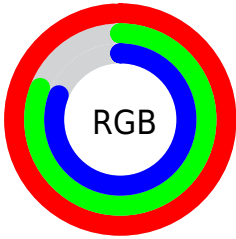
Format	Color
R _Y B	253, 206, 207
Decimal	16633551
CIE Lab	86.77, 16.69, 5.76
CIE LCh	87, 17.656, 19.041
Yxy	69.5303, 0.3484, 0.3281
Android (android.graphics.Color)	4294823631 (0xFFFDCECF)
YUV	220.1670, -6.4913, 28.7945
Hunter-Lab	83.3848, 12.1480, 9.6202

Details

The XYZ color **73.8418, 69.5303, 68.5603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1523, 90.4023, 105.4303**, and the grayscale version is **68.1761, 71.7265, 78.1102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7430, 36.4921, 35.0860** is the 20% darker color. If you saturate the color by 10%, you get **65.4405, 57.1984, 51.9759**, and if you desaturate by 10%, it is **83.7022, 84.0191, 87.9753**.

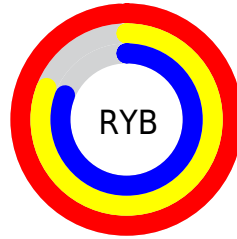
Distribution



Red (99%)

Green (81%)

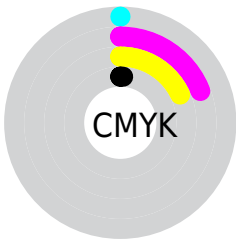
Blue (81%)



Red (99%)

Yellow (81%)

Blue (81%)

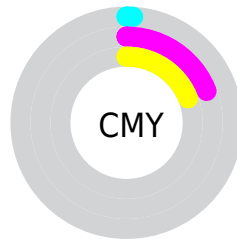


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8418, 69.5303, 68.5603 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 73.8418, 69.5303, 68.5603 by changing the saturation by 10% instead.


 73.8418, 69.5303,
68.5603

 73.8418, 69.5303,
68.5603


462.9859,
458.8991, 474.1305

 54.9554, 51.1437,
49.8842


123.6682,
118.5387, 118.8151

 39.5997, 36.3230,
34.9508

155.3390,
149.9293, 151.2309

 27.4094, 24.6837,
23.3418


192.0018,
186.4233, 189.0636

 18.0191, 15.8416,
14.6384

234.0222,
228.4052, 232.7318

 11.0635, 9.4121,
8.4222

281.7655,
276.2593, 282.6541

 6.1772, 5.0110,
4.2747

335.5969,

 2.9948, 2.2537,

330.3701, 339.2489

1.7772

395.8820,
391.1219, 402.9349

■ 1.1510, 0.7490,
0.4128

■ 0.0671, 0.0000,
0.0000

■ 73.8418, 69.5303,
68.5603

■ 73.8418, 69.5303,
68.5603

■ 65.4405, 57.1984,
51.9759

■ 83.7022, 84.0191,
87.9753

■ 58.4236, 46.9114,
38.0859

94.3182, 99.6228,
108.8658

■ 52.7185, 38.5617,
26.7495

■ 48.2439, 32.0280,
17.8111

■ 44.9092, 27.1753,
11.0985

■ 42.6114, 23.8500,
6.4163

■ 41.2290, 21.8704,
3.5356

■ 40.5961, 20.9805,
2.1652

■ 40.5376, 20.8945,
2.0503

Harmonies

Analogous

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



74.1526, 69.5303, 80.0913



73.8418, 69.5303, 68.5603



71.4034, 69.5303, 59.8688

Triad

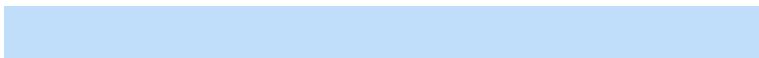
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8418, 69.5303, 68.5603



60.2963, 69.5303, 61.8185



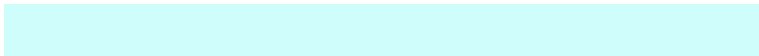
64.5955, 69.5303, 100.1715

Complementary

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



73.8418, 69.5303, 68.5603



78.1523, 90.4023, 105.4303

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.



61.0403, 69.5303, 94.1170



73.8418, 69.5303, 68.5603



58.6275, 69.5303, 71.4850

Square

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



73.8418, 69.5303, 68.5603



63.5416, 69.5303, 56.2643



58.8941, 69.5303, 83.3332



68.6984, 69.5303, 99.1797

Rectangle

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



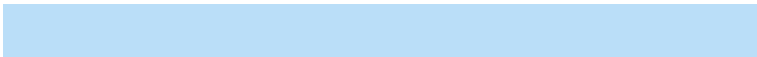
73.8418, 69.5303, 68.5603



68.9538, 69.5303, 56.4771



58.8941, 69.5303, 83.3332



63.2998, 69.5303, 98.8698

Sweetspot

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



73.8437, 69.5335, 68.5617



88.0436, 89.6964, 95.1295



79.7428, 71.8275, 102.5902



18.6890, 18.9695, 20.0550



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

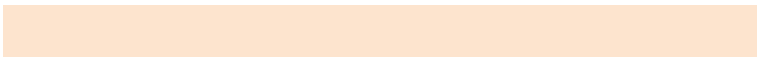
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8437, 69.5335, 68.5617



72.0760, 66.2351, 63.6834



79.3756, 80.7914, 69.8073



18.0250, 17.9933, 18.7487



21.5710, 11.1177, 1.1253



2.1055, 1.0846, 0.1371

Inverse Universe

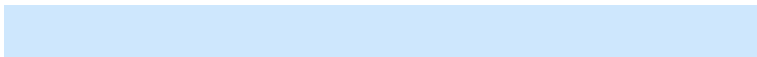
The Inverse Universe completely reimagines the original color for something new.



73.8437, 69.5335, 68.5617



72.0760, 66.2351, 63.6834



71.7805, 77.4056, 104.0865



18.0250, 17.9933, 18.7487



21.5710, 11.1177, 1.1253



2.1055, 1.0846, 0.1371

Previews

White Background



This preview shows how the XYZ color 73.8418, 69.5303, 68.5603 looks on a white background.

Color Contrast Check

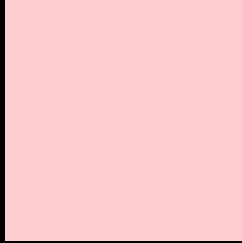
Large Text (above 18pt) WCAG AA × Fail

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 73.8418, 69.5303, 68.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

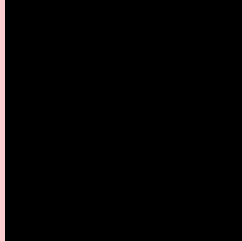
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8418, 69.5303, 68.5603

Background



This preview shows how black text looks on a background with the XYZ color 73.8418, 69.5303, 68.5603.



This preview shows how white text looks on a background with the XYZ color 73.8418, 69.5303,

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

73.8418, 69.5303, 68.5603

Protanopia

66.9473, 69.9594, 72.9258

Deuteranopia

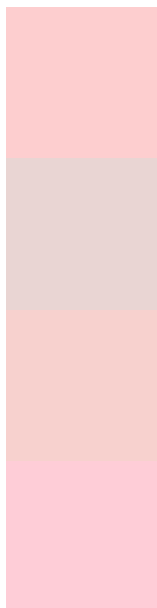
71.1493, 69.6041, 68.0775



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

73.8418, 69.5303, 68.5603

Protanomaly

69.1564, 69.6153, 71.4202

Deuteranomaly

72.2988, 69.8313, 68.0608

Tritanomaly

74.9701, 69.6398, 73.7804

Monochromacy



Original Color

73.8418, 69.5303, 68.5603

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.8449, 70.6630, 74.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8418, 69.5303, 68.5603 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(253, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 207)  
}
```

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(253, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.8418, 69.5303, 68.5603 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(253, 206, 207) }
```


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

```
.border{ border-color:rgb(253, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(253, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8418, 69.5303, 68.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 207) }
```

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

```
.background{ background-color: rgb(253,  
206, 207) }
```

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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