

Converting Colors

XYZ(83.8984, 73.6140, 71.2344)

Have a look what the booklet for
XYZ(83.8984, 73.6140, 71.2344)
contains.

XYZ(74.3538, 68.6750, 70.9648)	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(74.3538, 68.6750,
70.9648)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBD3
RGB	255, 203, 211
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.2039, 0.1725
CMYK	0.00, 0.20, 0.17, 0.00
HSL	351°, 100%, 90%
HSV	351°, 20%, 100%
XYZ	74.3538, 68.6750, 70.9648
YIQ	219.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

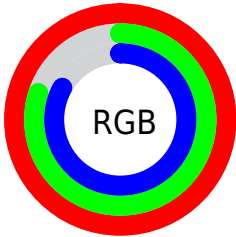
Format	Color
R _Y B	255, 203, 211
Decimal	16763859
CIE Lab	86.34, 19.57, 3.05
CIE LCh	86, 19.810, 8.856
Yxy	68.6750, 0.3475, 0.3209
Android (android.graphics.Color)	4294953939 (0xFFFFCBD3)
YUV	219.4600, -4.1708, 31.1686
Hunter-Lab	82.8704, 15.1324, 7.2372

Details

The XYZ color **74.3538, 68.6750, 70.9648** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1795, 90.9331, 101.4835**, and the grayscale version is **67.6671, 71.1910, 77.5270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1220, 35.9350, 36.7198** is the 20% darker color. If you saturate the color by 10%, you get **66.2936, 56.5971, 55.8154**, and if you desaturate by 10%, it is **83.7709, 82.8849, 88.3599**.

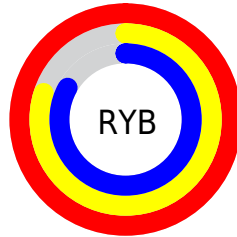
Distribution



Red (100%)

Green (80%)

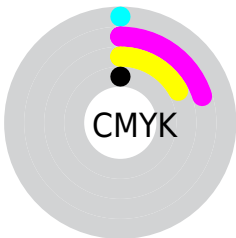
Blue (83%)



Red (100%)

Yellow (80%)

Blue (83%)

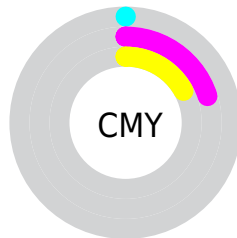


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3538, 68.6750, 70.9648 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 74.3538, 68.6750, 70.9648 by changing the saturation by 10% instead.


 74.3538, 68.6750,
70.9648

 74.3538, 68.6750,
70.9648


464.7250,
455.8839, 482.8107

 55.3760, 50.4471,
51.8318


124.3900,
117.3173, 122.2776

 39.9378, 35.7688,
36.4897

156.1791,
148.5004, 155.2945

 27.6741, 24.2557,
24.5200


192.9694,
184.7707, 193.7764

 18.2193, 15.5234,
15.5040

235.1261,
226.5126, 238.1419

 11.2082, 9.1875,
9.0233

283.0147,
274.1105, 288.8096

 6.2754, 4.8637,
4.6594

337.0004,

 3.0555, 2.1675,

327.9487, 346.1979

1.9936

397.4488,
388.4117, 410.7254

■ 1.1832, 0.7022,
0.5513

■ 0.0930, 0.0000,
0.0000

■ 74.3538, 68.6750,
70.9648

■ 74.3538, 68.6750,
70.9648

■ 66.2936, 56.5971,
55.8154

■ 83.7709, 82.8849,
88.3599

■ 59.5226, 46.5398,
42.8156

94.5986, 99.3134,
108.0830

■ 53.9747, 38.3951,
31.8687

95.0500, 100.0000,
108.9000

■ 49.5759, 32.0412,
22.8689

■ 46.2441, 27.3425,
15.7007

■ 43.8860, 24.1438,
10.2362

■ 42.3915, 22.2601,
6.3304

■ 41.6097, 21.4079,
3.8771

Harmonies

Analogous

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



73.8237, 68.6750, 84.2328



74.3538, 68.6750, 70.9648



72.3638, 68.6750, 60.0620

Triad

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



74.3538, 68.6750, 70.9648



59.9106, 68.6750, 56.8279



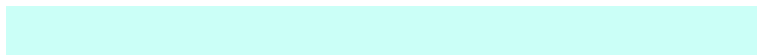
62.1526, 68.6750, 100.8102

Complementary

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



74.3538, 68.6750, 70.9648



77.1795, 90.9331, 101.4835

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.



58.6622, 68.6750, 91.7145



74.3538, 68.6750, 70.9648



57.4104, 68.6750, 66.0538

Square

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



74.3538, 68.6750, 70.9648



63.9290, 68.6750, 52.5491



56.9644, 68.6750, 78.7200



66.6367, 68.6750, 102.5227

Rectangle

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



74.3538, 68.6750, 70.9648



69.9281, 68.6750, 55.2252



56.9644, 68.6750, 78.7200



60.8302, 68.6750, 98.4679

Sweetspot

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



74.3554, 68.6780, 70.9662



88.3468, 89.8177, 96.7261



77.5308, 69.5881, 103.9533



18.7604, 18.9980, 20.4308



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

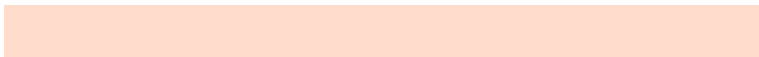
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3554, 68.6780, 70.9662



71.2920, 64.0765, 65.2424



77.7021, 76.9358, 67.2585



18.1232, 18.0326, 19.2660



21.7757, 11.1996, 2.2032



2.1518, 1.1031, 0.3810

Inverse Universe

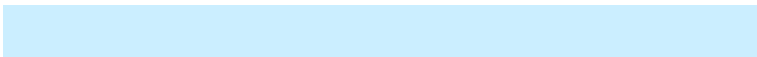
The Inverse Universe completely reimagines the original color for something new.



74.3554, 68.6780, 70.9662



71.2920, 64.0765, 65.2424



73.1584, 80.8737, 106.3621



18.1232, 18.0326, 19.2660



21.7757, 11.1996, 2.2032



2.1518, 1.1031, 0.3810

Previews

White Background



This preview shows how the XYZ color 74.3538, 68.6750, 70.9648 looks on a white background.

Color Contrast Check

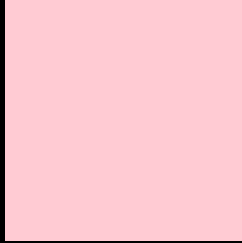
Large Text (above 18pt) WCAG AA × Fail

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 74.3538, 68.6750, 70.9648 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 74.3538, 68.6750, 70.9648

Background



This preview shows how black text looks on a background with the XYZ color 74.3538, 68.6750, 70.9648.



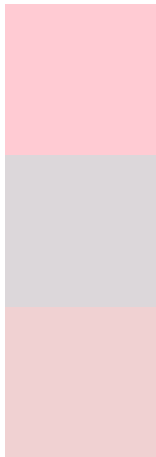
This preview shows how white text looks on a background with the XYZ color 74.3538, 68.6750,

70.9648.

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

74.3538, 68.6750, 70.9648

Protanopia

66.4705, 68.8785, 76.1212

Deuteranopia

70.3685, 68.7793, 70.5397



Tritanopia

75.0154, 68.5630, 75.6099

Trichromacy



Original Color

74.3538, 68.6750, 70.9648

Protanomaly

69.1643, 68.8185, 73.9279

Deuteranomaly

71.6019, 68.6913, 70.4577

Tritanomaly

74.6263, 68.4074, 73.5607

Monochromacy



Original Color

74.3538, 68.6750, 70.9648

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.4676, 69.7022, 74.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3538, 68.6750, 70.9648 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.3538, 68.6750, 70.9648 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, 211) }
```


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

```
.border{ border-color:rgb(255, 203, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3538, 68.6750, 70.9648 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
203, 211) }
```

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