

Converting Colors

XYZ(74.1926, 69.5077, 63.5686)

Have a look what the booklet for
XYZ(74.1926, 69.5077, 63.5686)
contains.

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Color

**XYZ(73.3801, 69.0462,
63.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC7
RGB	255, 205, 199
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.1961, 0.2196
CMYK	0.00, 0.20, 0.22, 0.00
HSL	6°, 100%, 89%
HSV	6°, 22%, 100%
XYZ	73.3801, 69.0462, 63.4925
YIQ	219.2660, 31.7260, 8.7340

Conversions

Conversions Part 2

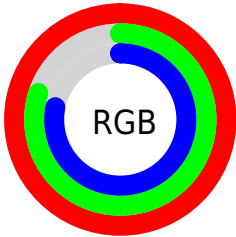
Format	Color
R _Y B	255, 206, 199
Decimal	16764359
CIE _{Lab}	86.53, 16.76, 9.68
CIE _{LCh}	87, 19.356, 30.009
Y _{xy}	69.0462, 0.3564, 0.3353
Android (android.graphics.Color)	4294954439 (0xFFFFCDC7)
YUV	219.2660, -9.9911, 31.3387
Hunter-Lab	83.0940, 12.2182, 12.8621

Details

The XYZ color **73.3801, 69.0462, 63.4925** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4777, 87.1106, 107.4437**, and the grayscale version is **67.5699, 71.0888, 77.4157**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4661, 36.1833, 31.6921** is the 20% darker color. If you saturate the color by 10%, you get **65.6088, 57.8512, 47.4985**, and if you desaturate by 10%, it is **82.4434, 82.0305, 82.3663**.

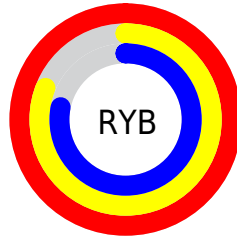
Distribution



Red (100%)

Green (80%)

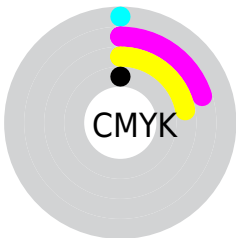
Blue (78%)



Red (100%)

Yellow (81%)

Blue (78%)

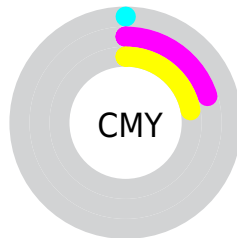


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3801, 69.0462, 63.4925 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 73.3801, 69.0462, 63.4925 by changing the saturation by 10% instead.


 73.3801, 69.0462,
63.4925

 73.3801, 69.0462,
63.4925


461.4145,
457.1939, 455.5117

 54.5763, 50.7493,
45.7962


123.0169,
117.8476, 111.4722

 39.2951, 36.0092,
31.7375


154.5806,
149.1208, 142.5926

 27.1711, 24.4413,
20.8979


191.1283,
185.4884, 179.0248

 17.8390, 15.6613,
12.8589

233.0254,
227.3346, 221.1874

 10.9335, 9.2848,
7.2019

280.6372,
275.0439, 269.4988

 6.0891, 4.9274,
3.5083

334.3291,

 2.9405, 2.2047,

329.0006, 324.3776

1.3597

394.4664,
389.5891, 386.2424

■ 1.1224, 0.7226,
0.1100

■ 0.0437, 0.0000,
0.0000

■ 73.3801, 69.0462,
63.4925

■ 73.3801, 69.0462,
63.4925

■ 65.6088, 57.8512,
47.4985

■ 82.4434, 82.0305,
82.3663

■ 59.0654, 48.3582,
34.2386

■ 92.8484, 96.8679,
104.2474

■ 53.6885, 40.4865,
23.5607

95.0500, 100.0000,
108.9000

■ 49.4088, 34.1451,
15.2962

■ 46.1499, 29.2342,
9.2564

■ 43.8254, 25.6417,
5.2244

■ 42.3341, 23.2389,
2.9398

■ 41.6399, 22.0598,
2.0633

Harmonies

Analogous

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



74.6324, 69.0462, 75.1756



73.3801, 69.0462, 63.4925



70.0317, 69.0462, 55.7550

Triad

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



73.3801, 69.0462, 63.4925



58.4377, 69.0462, 63.4986



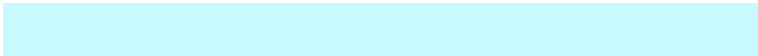
65.6277, 69.0462, 102.6777

Complementary

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



73.3801, 69.0462, 63.4925



75.4777, 87.1106, 107.4437

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.



61.4097, 69.0462, 98.6609



73.3801, 69.0462, 63.4925



57.3756, 69.0462, 75.1835

Square

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



73.3801, 69.0462, 63.4925



61.4075, 69.0462, 55.7583



58.4390, 69.0462, 88.2194



70.0342, 69.0462, 98.6562

Rectangle

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



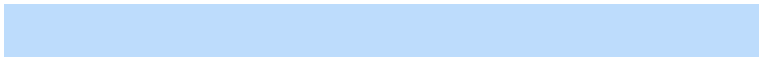
73.3801, 69.0462, 63.4925



67.1337, 69.0462, 53.3870



58.4390, 69.0462, 88.2194



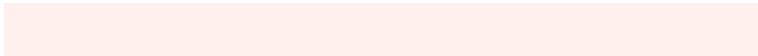
64.1417, 69.0462, 102.2174

Sweetspot

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



73.3818, 69.0493, 63.4939



87.4333, 89.1538, 92.8359



78.8251, 68.9721, 99.1085



18.5805, 18.8917, 19.5894



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.



73.3818, 69.0493, 63.4939



70.0898, 64.3151, 56.6935



80.5749, 83.4355, 65.8916



18.1661, 18.3004, 18.7192



21.8080, 11.6272, 1.0949



2.1723, 1.2300, 0.1229

Inverse Universe

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



75.4777, 87.1106, 107.4437



72.4956, 85.0679, 107.2066



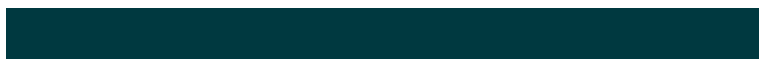
67.5660, 71.2872, 104.8064



18.3787, 20.1290, 23.1666



23.9457, 32.8009, 54.5037



2.3772, 3.2851, 5.3221

Previews

White Background



This preview shows how the XYZ color 73.3801, 69.0462, 63.4925 looks on a white background.

Color Contrast Check

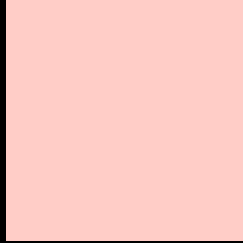
Large Text (above 18pt) WCAG AA × Fail

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 73.3801, 69.0462, 63.4925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

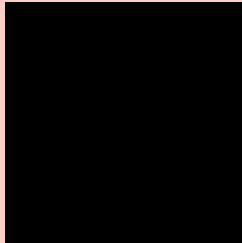
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3801, 69.0462, 63.4925

Background



This preview shows how black text looks on a background with the XYZ color 73.3801, 69.0462, 63.4925.



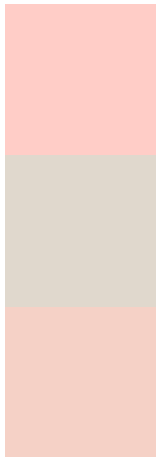
This preview shows how white text looks on a background with the XYZ color 73.3801, 69.0462,

63.4925.

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

73.3801, 69.0462, 63.4925

Protanopia

66.3158, 69.3668, 67.6515

Deuteranopia

70.6497, 69.0906, 63.0383



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

73.3801, 69.0462, 63.4925

Protanomaly

68.5839, 69.0609, 66.2152

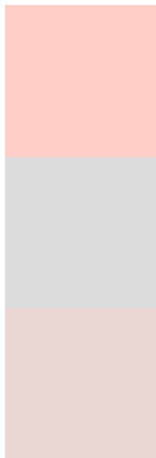
Deuteranomaly

71.8158, 69.3287, 63.0228

Tritanomaly

74.5907, 69.1489, 71.0437

Monochromacy



Original Color

73.3801, 69.0462, 63.4925

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2089, 70.0024, 72.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3801, 69.0462, 63.4925 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, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 199)  
}
```

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, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 199) }
```

Border

The CSS property to change the border of an element to XYZ 73.3801, 69.0462, 63.4925 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, 205, 199) }
```


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

```
.border{ border-color:rgb(255, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3801, 69.0462, 63.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 199) }
```

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

```
.background{ background-color: rgb(255,  
205, 199) }
```

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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