

Converting Colors

XYZ(73.0774, 72.0655, 65.0098)

Have a look what the booklet for
XYZ(73.0774, 72.0655, 65.0098)
contains.

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Color

**XYZ(73.3006, 72.2666,
65.3438)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F8D6C9 |
| RGB | 248, 214, 201 |
| RGB Percent | 97%, 84%, 79% |
| CMY | 0.0274, 0.1608, 0.2118 |
| CMYK | 0.00, 0.14, 0.19, 0.03 |
| HSL | 17°, 77%, 88% |
| HSV | 17°, 19%, 97% |
| XYZ | 73.3006, 72.2666, 65.3438 |
| YIQ | 222.6840, 24.4370, 3.1650 |

Conversions

Conversions Part 2

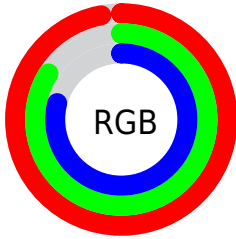
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 219, 201 |
| Decimal | 16307913 |
| CIE Lab | 88.10, 9.83, 10.78 |
| CIE LCh | 88, 14.587, 47.639 |
| Yxy | 72.2666, 0.3475, 0.3426 |
| Android (android.graphics.Color) | 4294497993 (0xFFFF8D6C9) |
| YUV | 222.6840, -10.6902, 22.2021 |
| Hunter-Lab | 85.0098, 5.1465, 13.9328 |

Details

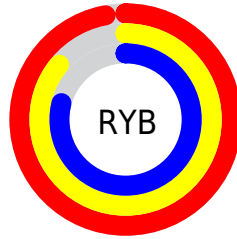
The XYZ color **73.3006, 72.2666, 65.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7385, 78.6097, 100.2525**, and the grayscale version is **69.9779, 73.6222, 80.1746**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1505, 37.9792, 32.8710** is the 20% darker color. If you saturate the color by 10%, you get **66.3234, 62.6097, 49.7681**, and if you desaturate by 10%, it is **81.2528, 83.1184, 83.5699**.

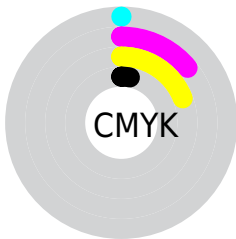
Distribution



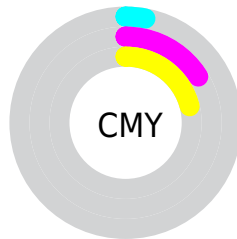
- Red (97%)
- Green (84%)
- Blue (79%)



- Red (97%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3006, 72.2666, 65.3438 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 73.3006, 72.2666, 65.3438 by changing the saturation by 10% instead.


 73.3006, 72.2666,
65.3438

 73.3006, 72.2666,
65.3438


461.1437,
468.4690, 462.3664

 54.5110, 53.3765,
47.2868


122.9047,
122.4355, 114.1620

 39.2427, 38.1034,
32.9065


154.4499,
154.4831, 145.7603

 27.1301, 26.0630,
21.7843


190.9778,
191.6852, 182.7094

 17.8081, 16.8707,
13.5017

232.8536,
234.4264, 225.4279

 10.9111, 10.1424,
7.6401

280.4428,
283.0910, 274.3343

 6.0740, 5.4935,
3.7811

334.1106,

 2.9312, 2.5396,

338.0633, 329.8471

1.5060

394.2224,
399.7279, 392.3850

■ 1.1175, 0.8964,
0.2224

■ 0.0397, 0.0000,
0.0000

■ 73.3006, 72.2666,
65.3438

■ 73.3006, 72.2666,
65.3438

■ 66.3234, 62.6097,
49.7681

■ 81.2528, 83.1184,
83.5699

■ 60.2765, 54.0965,
36.7141

■ 90.2105, 95.1945,
104.5577

■ 55.1206, 46.6867,
26.0490

■ 92.5217, 98.6966,
108.7817

■ 50.8109, 40.3335,
17.6259

■ 47.2985, 34.9870,
11.2816

■ 44.5291, 30.5924,
6.8306

■ 42.4401, 27.0894,
4.0533

■ 40.9476, 24.4056,
2.6273

■ 40.8165, 24.1663,
2.5133

Harmonies

Analogous

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



75.2711, 72.2666, 73.0143



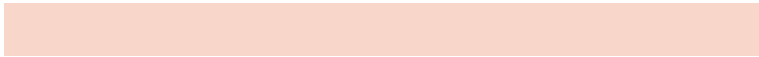
73.3006, 72.2666, 65.3438



70.1313, 72.2666, 61.3937

Triad

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



73.3006, 72.2666, 65.3438



62.3491, 72.2666, 74.6502



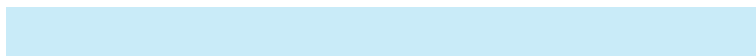
70.7373, 72.2666, 98.4222

Complementary

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



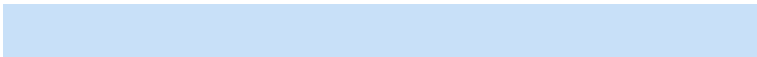
73.3006, 72.2666, 65.3438



70.7385, 78.6097, 100.2525

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.



67.2632, 72.2666, 98.9541



73.3006, 72.2666, 65.3438



62.4989, 72.2666, 84.6441

Square

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



73.3006, 72.2666, 65.3438



63.8551, 72.2666, 66.4539



64.2716, 72.2666, 93.7310



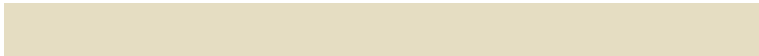
73.7572, 72.2666, 92.3340

Rectangle

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



73.3006, 72.2666, 65.3438



67.8005, 72.2666, 61.1614



64.2716, 72.2666, 93.7310



69.5817, 72.2666, 99.2742

Sweetspot

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



73.3026, 72.2699, 65.3453



89.2543, 92.1947, 95.2958



74.6618, 67.7559, 88.0951



18.9741, 19.5578, 20.0942



0.0000, 0.0000, 0.0000



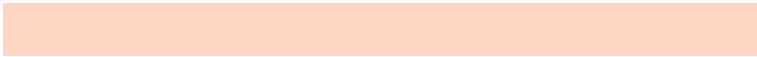
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3026, 72.2699, 65.3453



74.9319, 72.6380, 62.5049



79.5486, 84.7620, 67.4273



17.6355, 18.0068, 18.0086



22.1494, 13.2554, 1.3912



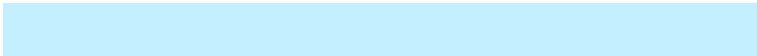
2.1362, 1.3973, 0.1571

Inverse Universe

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



70.7385, 78.6097, 100.2525



71.7059, 80.6023, 106.3862



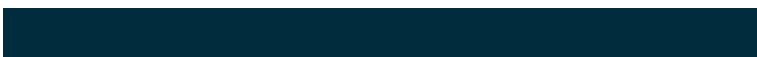
64.5667, 66.2661, 98.1952



17.3360, 18.7489, 22.0905



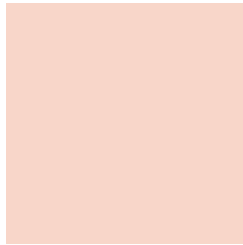
18.0258, 21.4072, 51.1555



1.7583, 2.1604, 4.7675

Previews

White Background



This preview shows how the XYZ color 73.3006, 72.2666, 65.3438 looks on a white background.

Color Contrast Check

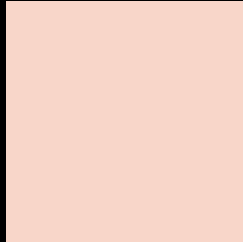
Large Text (above 18pt) WCAG AA × Fail

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 73.3006, 72.2666, 65.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

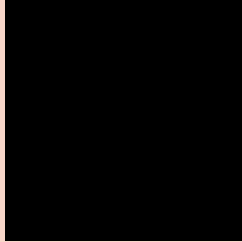
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3006, 72.2666, 65.3438

Background



This preview shows how black text looks on a background with the XYZ color 73.3006, 72.2666, 65.3438.



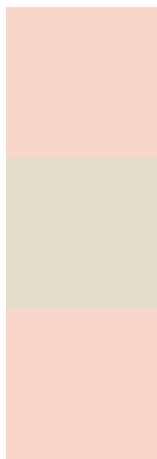
This preview shows how white text looks on a background with the XYZ color 73.3006, 72.2666,

65.3438.

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

73.3006, 72.2666, 65.3438

Protanopia

68.8054, 72.2040, 67.4371

Deuteranopia

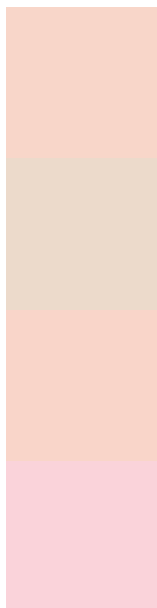
73.7612, 72.1295, 65.2931



Tritanopia

76.6954, 72.1485, 82.5568

Trichromacy



Original Color

73.3006, 72.2666, 65.3438

Protanomaly

70.4430, 72.2875, 66.7400

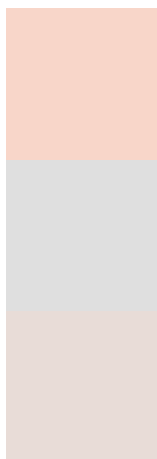
Deuteranomaly

73.4038, 71.9453, 65.2764

Tritanomaly

75.3735, 71.9745, 76.2495

Monochromacy



Original Color

73.3006, 72.2666, 65.3438

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1377, 73.2485, 74.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3006, 72.2666, 65.3438 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(248, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 201)  
}
```

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(248, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 201) }
```

Border

The CSS property to change the border of an element to XYZ 73.3006, 72.2666, 65.3438 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(248, 214, 201) }
```


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

```
.border{ border-color:rgb(248, 214, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 214, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3006, 72.2666, 65.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 201) }
```

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

```
.background{ background-color: rgb(248,  
214, 201) }
```

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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