

Converting Colors

XYZ(73.3731, 68.3871, 65.4785)

Have a look what the booklet for
XYZ(73.3731, 68.3871, 65.4785)
contains.

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Color

**XYZ(73.2566, 68.2361,
65.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBCA
RGB	255, 203, 202
RGB Percent	100%, 80%, 79%
CMY	0.0000, 0.2039, 0.2078
CMYK	0.00, 0.20, 0.21, 0.00
HSL	1°, 100%, 90%
HSV	1°, 21%, 100%
XYZ	73.2566, 68.2361, 65.1870
YIQ	218.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

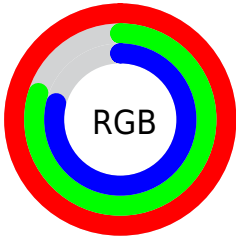
Format	Color
R _Y B	255, 203, 202
Decimal	16763850
CIE Lab	86.12, 18.24, 7.51
CIE LCh	86, 19.725, 22.388
Yxy	68.2361, 0.3544, 0.3302
Android (android.graphics.Color)	4294953930 (0xFFFFCBCA)
YUV	218.4340, -8.1020, 32.0684
Hunter-Lab	82.6051, 13.7399, 11.0355

Details

The XYZ color **73.2566, 68.2361, 65.1870** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8479, 90.6575, 108.0034**, and the grayscale version is **66.9806, 70.4688, 76.7405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3814, 35.6388, 32.8203** is the 20% darker color. If you saturate the color by 10%, you get **65.0445, 56.2511, 48.7643**, and if you desaturate by 10%, it is **82.9241, 82.3331, 84.5578**.

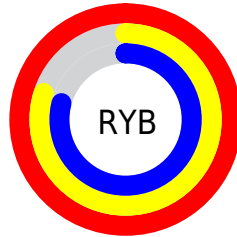
Distribution



Red (100%)

Green (80%)

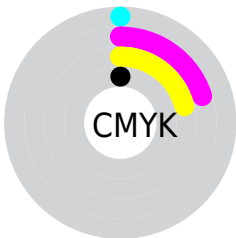
Blue (79%)



Red (100%)

Yellow (80%)

Blue (79%)

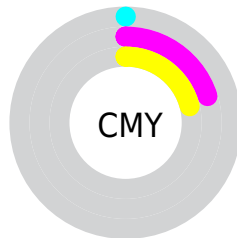


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2566, 68.2361, 65.1870 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 73.2566, 68.2361, 65.1870 by changing the saturation by 10% instead.


 73.2566, 68.2361,
65.1870

 73.2566, 68.2361,
65.1870


460.9937,
454.3321, 461.7883

 54.4749, 50.0898,
47.1604


122.8426,
116.6898, 113.9345

 39.2137, 35.4848,
32.8072


154.3776,
147.7661, 145.4925

 27.1075, 24.0365,
21.7089


190.8945,
183.9212, 182.3981

 17.7910, 15.3607,
13.4469

232.7585,
225.5394, 225.0698

 10.8988, 9.0729,
7.6027

280.3351,
273.0052, 273.9261

 6.0656, 4.7888,
3.7577

333.9896,

 2.9261, 2.1239,

326.7030, 329.3856

1.4934

394.0873,
387.0172, 391.8668

■ 1.1148, 0.6780,
0.2130

■ 0.0374, 0.0000,
0.0000

■ 73.2566, 68.2361,
65.1870

■ 73.2566, 68.2361,
65.1870

■ 65.0445, 56.2511,
48.7643

■ 82.9241, 82.3331,
84.5578

■ 58.2128, 46.2680,
35.1413

■ 94.1076, 98.6274,
107.0068

■ 52.6873, 38.1804,
24.1631

■ 95.0500, 100.0000,
108.9000

■ 48.3846, 31.8686,
15.6581

■ 45.2119, 27.1990,
9.4345

■ 43.0632, 24.0194,
5.2724

■ 41.8124, 22.1492,
2.9087

■ 41.2925, 21.3649,
1.9475

Harmonies

Analogous

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



73.8878, 68.2361, 77.6544



73.2566, 68.2361, 65.1870



70.3244, 68.2361, 56.2207

Triad

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



73.2566, 68.2361, 65.1870



58.1919, 68.2361, 60.0763



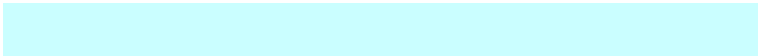
63.7083, 68.2361, 101.8974

Complementary

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



73.2566, 68.2361, 65.1870



77.8479, 90.6575, 108.0034

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.



59.6794, 68.2361, 95.8851



73.2566, 68.2361, 65.1870



56.5926, 68.2361, 71.0388

Square

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



73.2566, 68.2361, 65.1870



61.5919, 68.2361, 53.5186



57.1242, 68.2361, 84.2196



68.2342, 68.2361, 99.8594

Rectangle

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



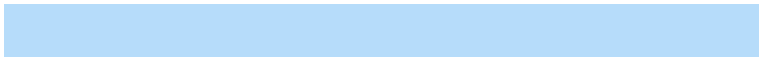
73.2566, 68.2361, 65.1870



67.5303, 68.2361, 52.9487



57.1242, 68.2361, 84.2196



62.2540, 68.2361, 100.7287

Sweetspot

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



73.2582, 68.2391, 65.1884



88.0808, 89.8477, 94.9046



80.2690, 70.6650, 103.2730



18.6978, 19.0051, 20.0021



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

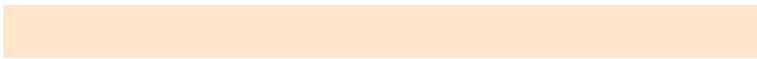
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2582, 68.2391, 65.1884



69.6220, 62.9335, 57.9125



80.0266, 81.7757, 67.4445



18.0370, 18.0421, 18.6762



21.5881, 11.1875, 1.0216



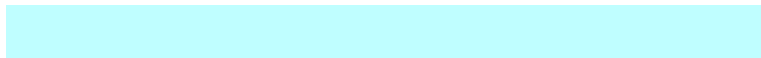
2.1112, 1.1079, 0.1026

Inverse Universe

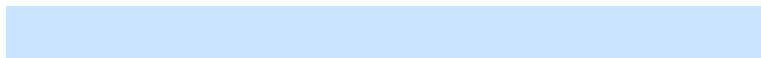
The Inverse Universe completely reimagines the original color for something new.



77.8479, 90.6575, 108.0034



74.9745, 89.0802, 107.8504



70.0458, 75.0533, 105.4027



18.5236, 20.4188, 23.2149



27.3347, 39.5790, 55.6334



2.6705, 3.8718, 5.4198

Previews

White Background



This preview shows how the XYZ color 73.2566, 68.2361, 65.1870 looks on a white background.

Color Contrast Check

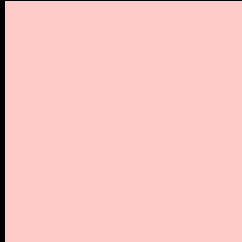
Large Text (above 18pt) WCAG AA × Fail

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 73.2566, 68.2361, 65.1870 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 73.2566, 68.2361, 65.1870

Background



This preview shows how black text looks on a background with the XYZ color 73.2566, 68.2361, 65.1870.



This preview shows how white text looks on a background with the XYZ color 73.2566, 68.2361,

65.1870.

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

73.2566, 68.2361, 65.1870

Protanopia

65.5044, 68.5271, 69.4491

Deuteranopia

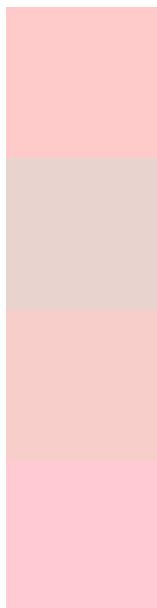
69.7164, 68.2060, 64.7490



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

73.2566, 68.2361, 65.1870

Protanomaly

68.0391, 68.3684, 68.0029

Deuteranomaly

70.9717, 68.1338, 64.6689

Tritanomaly

74.1184, 68.2042, 70.8863

Monochromacy



Original Color

73.2566, 68.2361, 65.1870

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6329, 69.3309, 72.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2566, 68.2361, 65.1870 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 73.2566, 68.2361, 65.1870 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, 202) }
```


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

```
.border{ border-color:rgb(255, 203, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2566, 68.2361, 65.1870 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
203, 202) }
```

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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