

Converting Colors

XYZ(73.1090, 68.3170, 63.9784)

Have a look what the booklet for
XYZ(73.1090, 68.3170, 63.9784)
contains.

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Color

**XYZ(73.0213, 68.1420,
63.9477)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC8
RGB	255, 203, 200
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2039, 0.2157
CMYK	0.00, 0.20, 0.22, 0.00
HSL	3°, 100%, 89%
HSV	3°, 22%, 100%
XYZ	73.0213, 68.1420, 63.9477
YIQ	218.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

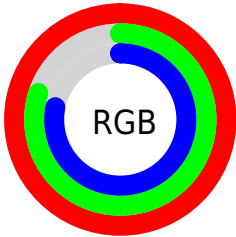
Format	Color
R _Y B	255, 203, 200
Decimal	16763848
CIE Lab	86.08, 17.95, 8.51
CIE LCh	86, 19.863, 25.358
Yxy	68.1420, 0.3560, 0.3322
Android (android.graphics.Color)	4294953928 (0xFFFFCBC8)
YUV	218.2060, -8.9756, 32.2683
Hunter-Lab	82.5482, 13.4401, 11.8535

Details

The XYZ color **73.0213, 68.1420, 63.9477** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6788, 89.1175, 107.7677**, and the grayscale version is **66.8286, 70.3089, 76.5664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2245, 35.5760, 31.9936** is the 20% darker color. If you saturate the color by 10%, you get **65.0289, 56.5354, 47.7863**, and if you desaturate by 10%, it is **82.3992, 81.7237, 83.0248**.

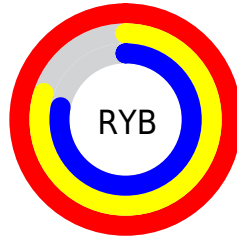
Distribution



Red (100%)

Green (80%)

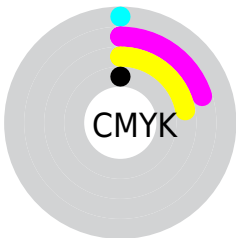
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

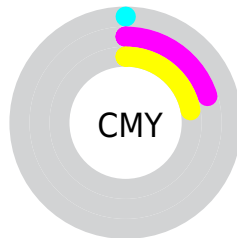


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0213, 68.1420, 63.9477 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 73.0213, 68.1420, 63.9477 by changing the saturation by 10% instead.


 73.0213, 68.1420,
63.9477

 73.0213, 68.1420,
63.9477


460.1913,
453.9990, 457.2030

 54.2818, 50.0133,
46.1624


122.5104,
116.5553, 112.1344

 39.0586, 35.4239,
32.0244


153.9908,
147.6086, 143.3728

 26.9862, 23.9896,
21.1152


190.4488,
183.7389, 179.9327

 17.6994, 15.3259,
13.0161

232.2498,
225.3306, 222.2326

 10.8328, 9.0484,
7.3088

279.7592,
272.7680, 270.6910

 6.0210, 4.7728,
3.5746

333.3424,

 2.8986, 2.1146,

326.4356, 325.7266

1.3950

393.3646,
386.7178, 387.7577

■ 1.1004, 0.6728,
0.1378

■ 0.0254, 0.0000,
0.0000

■ 73.0213, 68.1420,
63.9477

■ 73.0213, 68.1420,
63.9477

■ 65.0289, 56.5354,
47.7863

■ 82.3992, 81.7237,
83.0248

■ 58.3518, 46.8036,
34.3929

■ 93.2188, 97.3570,
105.1467

■ 52.9208, 38.8509,
23.6137

■ 95.0500, 100.0000,
108.9000

■ 48.6585, 32.5696,
15.2776

■ 45.4791, 27.8404,
9.1938

■ 43.2846, 24.5283,
5.1426

■ 41.9595, 22.4749,
2.8607

■ 41.3961, 21.5722,
1.9820

Harmonies

Analogous

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



73.9093, 68.1420, 76.2467



73.0213, 68.1420, 63.9477



69.8823, 68.1420, 55.3866

Triad

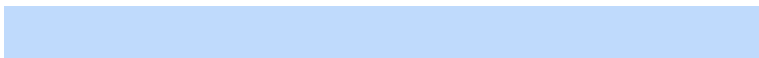
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0213, 68.1420, 63.9477



57.8149, 68.1420, 60.8113



64.0596, 68.1420, 102.1568

Complementary

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



73.0213, 68.1420, 63.9477



76.6788, 89.1175, 107.7677

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.



59.9075, 68.1420, 96.8418



73.0213, 68.1420, 63.9477



56.4114, 68.1420, 72.1806

Square

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



73.0213, 68.1420, 63.9477



61.0824, 68.1420, 53.7304



57.1593, 68.1420, 85.4825



68.5968, 68.1420, 99.2902

Rectangle

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



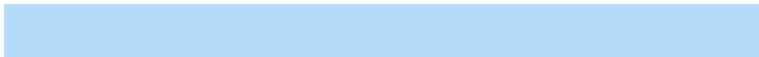
73.0213, 68.1420, 63.9477



67.0096, 68.1420, 52.4467



57.1593, 68.1420, 85.4825



62.5748, 68.1420, 101.2517

Sweetspot

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



73.0229, 68.1450, 63.9491



88.2417, 90.1696, 94.9582



79.5050, 69.6134, 101.5497



18.7356, 19.0808, 20.0147



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.



73.0229, 68.1450, 63.9491



69.3132, 62.7620, 56.4346



80.0321, 82.1635, 66.2855



18.0890, 18.1461, 18.6935



21.6622, 11.3357, 1.0463



2.1359, 1.1572, 0.1108

Inverse Universe

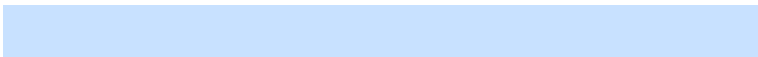
The Inverse Universe completely reimagines the original color for something new.



76.6788, 89.1175, 107.7677



73.5773, 87.2312, 107.5671



68.7277, 73.2154, 105.1174



18.4649, 20.3013, 23.1953



25.9151, 36.7398, 55.1602



2.5482, 3.6271, 5.3791

Previews

White Background



This preview shows how the XYZ color 73.0213, 68.1420, 63.9477 looks on a white background.

Color Contrast Check

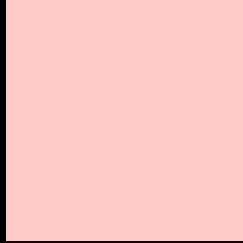
Large Text (above 18pt) WCAG AA × Fail

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 73.0213, 68.1420, 63.9477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

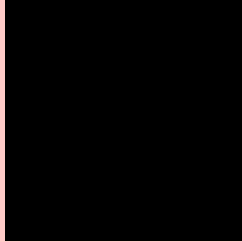
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0213, 68.1420, 63.9477

Background



This preview shows how black text looks on a background with the XYZ color 73.0213, 68.1420, 63.9477.



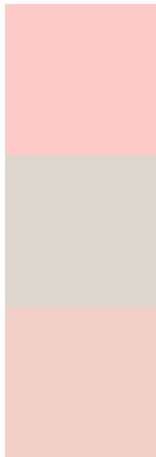
This preview shows how white text looks on a background with the XYZ color 73.0213, 68.1420,

63.9477.

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

73.0213, 68.1420, 63.9477

Protanopia

65.5652, 68.5867, 68.1754

Deuteranopia

69.8268, 68.2900, 63.5338



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

73.0213, 68.1420, 63.9477

Protanomaly

68.1250, 68.4406, 66.7465

Deuteranomaly

70.7379, 68.0403, 63.4376

Tritanomaly

73.9934, 68.1542, 70.2280

Monochromacy



Original Color

73.0213, 68.1420, 63.9477

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5071, 69.2806, 71.3898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0213, 68.1420, 63.9477 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 200) }
```

Border

The CSS property to change the border of an element to XYZ 73.0213, 68.1420, 63.9477 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, 200) }
```


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

```
.border{ border-color:rgb(255, 203, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0213, 68.1420, 63.9477 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
203, 200) }
```

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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