

Converting Colors

XYZ(73.8026, 70.2881, 69.2700)

Have a look what the booklet for
XYZ(73.8026, 70.2881, 69.2700)
contains.

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Color

**XYZ(73.7247, 70.1750,
69.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0D0
RGB	251, 208, 208
RGB Percent	98%, 82%, 82%
CMY	0.0157, 0.1843, 0.1843
CMYK	0.00, 0.17, 0.17, 0.02
HSL	0°, 84%, 90%
HSV	0°, 17%, 98%
XYZ	73.7247, 70.1750, 69.3339
YIQ	220.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

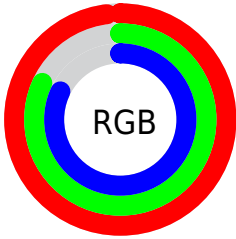
Format	Color
R _Y B	251, 208, 208
Decimal	16502992
CIE Lab	87.08, 15.08, 5.66
CIE LCh	87, 16.111, 20.583
Yxy	70.1750, 0.3457, 0.3291
Android (android.graphics.Color)	4294693072 (0xFFFB0D0D)
YUV	220.8570, -6.3385, 26.4354
Hunter-Lab	83.7705, 10.4957, 9.5671

Details

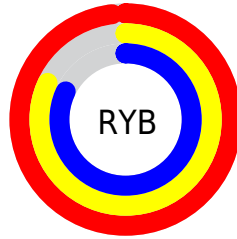
The XYZ color **73.7247, 70.1750, 69.3339** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9216, 89.3673, 104.4102**, and the grayscale version is **68.6590, 72.2346, 78.6635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6365, 36.9136, 35.6078** is the 20% darker color. If you saturate the color by 10%, you get **65.2356, 57.7534, 52.4552**, and if you desaturate by 10%, it is **83.6747, 84.7348, 89.1122**.

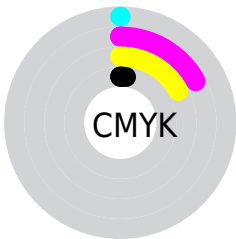
Distribution



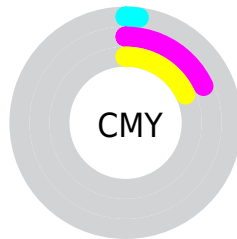
- Red (98%)
- Green (82%)
- Blue (82%)



- Red (98%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7247, 70.1750, 69.3339 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 73.7247, 70.1750, 69.3339 by changing the saturation by 10% instead.


 73.7247, 70.1750,
69.3339

 73.7247, 70.1750,
69.3339


462.5877,
461.1642, 476.9335

 54.8592, 51.6692,
50.5102


123.5031,
119.4583, 119.9305

 39.5224, 36.7415,
35.4450


155.1467,
151.0046, 152.5406

 27.3489, 25.0074,
23.7196


191.7804,
187.6665, 190.5832

 17.9734, 16.0826,
14.9154

233.7695,
229.8284, 234.4770

 11.0305, 9.5826,
8.6141

281.4795,
277.8748, 284.6403

 6.1548, 5.1231,
4.3970

335.2756,

 2.9810, 2.3197,

332.1899, 341.4918

1.8456

395.5232,
393.1583, 405.4500

■ 1.1437, 0.7841,
0.4578

■ 0.0612, 0.0000,
0.0000

■ 73.7247, 70.1750,
69.3339

■ 73.7247, 70.1750,
69.3339

■ 65.2356, 57.7534,
52.4552

■ 83.6747, 84.7348,
89.1122

■ 58.1331, 47.3605,
38.3357

■ 93.5940, 99.2494,
108.8319

■ 52.3453, 38.8913,
26.8301

■ 47.7917, 32.2279,
17.7780

■ 44.3827, 27.2393,
11.0015

■ 42.0166, 23.7769,
6.2984

■ 40.5741, 21.6659,
3.4315

■ 39.9019, 20.6820,
2.0957

■ 39.7843, 20.5100,
1.8620

Harmonies

Analogous

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



74.1160, 70.1750, 79.8593



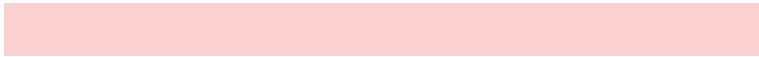
73.7247, 70.1750, 69.3339



71.4131, 70.1750, 61.4539

Triad

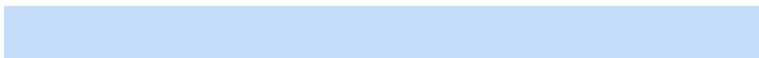
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7247, 70.1750, 69.3339



61.2496, 70.1750, 63.9596



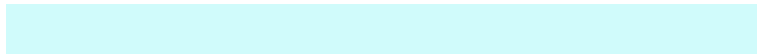
65.5191, 70.1750, 98.7955

Complementary

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



73.7247, 70.1750, 69.3339



77.9216, 89.3673, 104.4102

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.



62.1975, 70.1750, 93.6117



73.7247, 70.1750, 69.3339



59.7946, 70.1750, 73.0589

Square

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



73.7247, 70.1750, 69.3339



64.1809, 70.1750, 58.5601



60.1349, 70.1750, 83.9490



69.2826, 70.1750, 97.5588

Rectangle

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



73.7247, 70.1750, 69.3339



69.1405, 70.1750, 58.4391



60.1349, 70.1750, 83.9490



64.3162, 70.1750, 97.7290

Sweetspot

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



73.7266, 70.1782, 69.3354



89.1316, 91.3398, 97.1340



79.7529, 72.5869, 101.0747



18.9067, 19.3000, 20.4504



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.



73.7266, 70.1782, 69.3354



72.8287, 67.4843, 64.7236



79.3275, 81.3799, 71.2023



17.2448, 17.2255, 17.8784



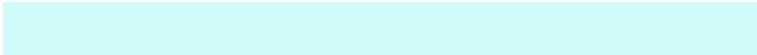
20.9121, 10.7809, 0.9787



1.9369, 0.9986, 0.0907

Inverse Universe

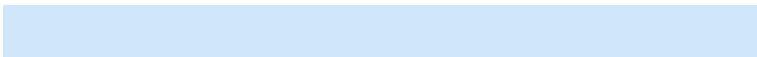
The Inverse Universe completely reimagines the original color for something new.



77.9216, 89.3673, 104.4102



78.0168, 91.2164, 108.1023



71.5837, 76.6916, 102.2976



17.7657, 19.6083, 22.2337



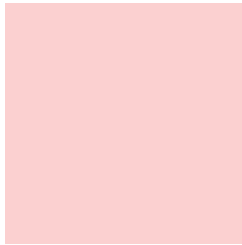
27.2817, 39.9189, 54.2408



2.5268, 3.6973, 5.0236

Previews

White Background



This preview shows how the XYZ color 73.7247, 70.1750, 69.3339 looks on a white background.

Color Contrast Check

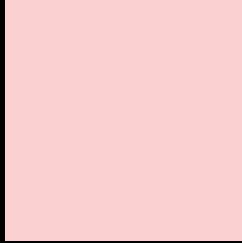
Large Text (above 18pt) WCAG AA × Fail

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 73.7247, 70.1750, 69.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

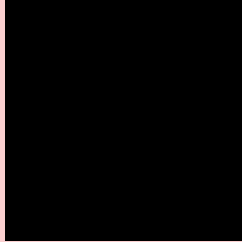
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7247, 70.1750, 69.3339

Background



This preview shows how black text looks on a background with the XYZ color 73.7247, 70.1750, 69.3339.

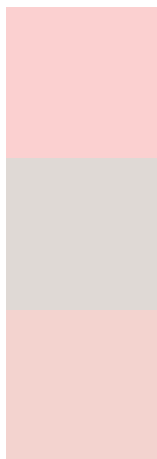


This preview shows how white text looks on a background with the XYZ color 73.7247, 70.1750,

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

73.7247, 70.1750, 69.3339

Protanopia

67.2545, 70.1178, 72.9402

Deuteranopia

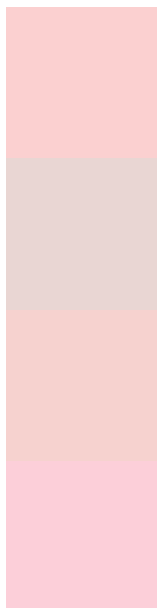
71.5189, 70.1482, 68.8020



Tritanopia

75.7641, 70.2992, 78.6831

Trichromacy



Original Color

73.7247, 70.1750, 69.3339

Protanomaly

69.4087, 70.1199, 71.5043

Deuteranomaly

72.3151, 70.1910, 68.7683

Tritanomaly

74.9821, 70.3308, 75.2689

Monochromacy



Original Color

73.7247, 70.1750, 69.3339

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2292, 71.2254, 75.0121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7247, 70.1750, 69.3339 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(251, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 208)  
}
```

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(251, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.7247, 70.1750, 69.3339 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(251, 208, 208) }
```


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

```
.border{ border-color:rgb(251, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7247, 70.1750, 69.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 208) }
```

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

```
.background{ background-color: rgb(251,  
208, 208) }
```

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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