

Converting Colors

XYZ(72.3675, 69.4776, 69.2392)

Have a look what the booklet for
XYZ(72.3675, 69.4776, 69.2392)
contains.

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Color

**XYZ(72.2988, 69.4400,
69.2672)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D0D0
RGB	247, 208, 208
RGB Percent	97%, 82%, 82%
CMY	0.0314, 0.1843, 0.1843
CMYK	0.00, 0.16, 0.16, 0.03
HSL	0°, 71%, 89%
HSV	0°, 16%, 97%
XYZ	72.2988, 69.4400, 69.2672
YIQ	219.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

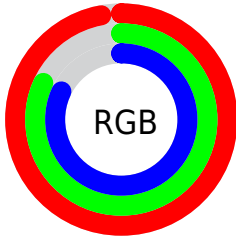
Format	Color
R _Y B	247, 208, 208
Decimal	16240848
CIE Lab	86.72, 13.66, 5.10
CIE LCh	87, 14.578, 20.463
Yxy	69.4400, 0.3426, 0.3291
Android (android.graphics.Color)	4294430928 (0xFFFF7D0D0)
YUV	219.6610, -5.7489, 23.9763
Hunter-Lab	83.3307, 9.0403, 9.0477

Details

The XYZ color **72.2988, 69.4400, 69.2672** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0610, 86.6447, 100.7115**, and the grayscale version is **67.8203, 71.3522, 77.7026**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6235, 36.3914, 35.5604** is the 20% darker color. If you saturate the color by 10%, you get **63.9339, 57.2003, 52.6355**, and if you desaturate by 10%, it is **82.0784, 83.7504, 88.7069**.

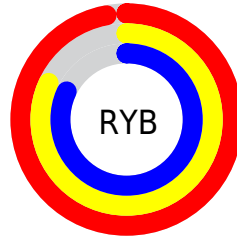
Distribution



Red (97%)

Green (82%)

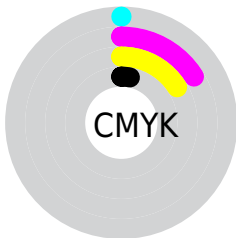
Blue (82%)



Red (97%)

Yellow (82%)

Blue (82%)

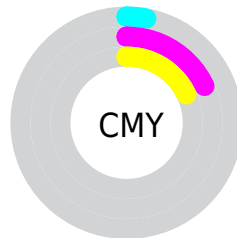


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2988, 69.4400, 69.2672 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 72.2988, 69.4400, 69.2672 by changing the saturation by 10% instead.


 72.2988, 69.4400,
69.2672

 72.2988, 69.4400,
69.2672


457.7225,
458.5813, 476.6922

 53.6891, 51.0701,
50.4562


121.4898,
118.4098, 119.8344

 38.5829, 36.2644,
35.4023

152.8018,
149.7785, 152.4278

 26.6146, 24.6385,
23.6869


189.0786,
186.2490, 190.4523

 17.4191, 15.8079,
14.8915

230.6856,
228.2056, 234.3267

 10.6309, 9.3883,
8.5975

277.9881,
276.0327, 284.4693

 5.8847, 4.9953,
4.3864

331.3515,

 2.8151, 2.2445,

330.1148, 341.2987

1.8396

391.1412,
390.8362, 405.2335

■ 1.0567, 0.7441,
0.4539

■ 0.0000, 0.0000,
0.0000

■ 72.2988, 69.4400,
69.2672

■ 72.2988, 69.4400,
69.2672

■ 63.9339, 57.2003,
52.6355

■ 82.0784, 83.7504,
88.7069

■ 56.9129, 46.9266,
38.6779

■ 92.1680, 98.5143,
108.7651

■ 51.1675, 38.5193,
27.2563

■ 46.6210, 31.8665,
18.2185

■ 43.1888, 26.8440,
11.3959

■ 40.7750, 23.3116,
6.5980

■ 39.2676, 21.1057,
3.6022

■ 38.5282, 20.0235,
2.1330

■ 38.3583, 19.7749,
1.7952

Harmonies

Analogous

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



72.6407, 69.4400, 78.7442



72.2988, 69.4400, 69.2672



70.2382, 69.4400, 62.1042

Triad

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



72.2988, 69.4400, 69.2672



61.0995, 69.4400, 64.3350



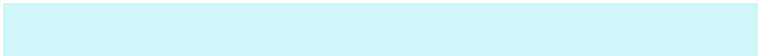
64.9264, 69.4400, 95.5558

Complementary

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



72.2988, 69.4400, 69.2672



76.0610, 86.6447, 100.7115

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.



61.9370, 69.4400, 90.9406



72.2988, 69.4400, 69.2672



59.7781, 69.4400, 72.5569

Square

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



72.2988, 69.4400, 69.2672



63.7477, 69.4400, 59.4303



60.0793, 69.4400, 82.3252



68.3061, 69.4400, 94.4843

Rectangle

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



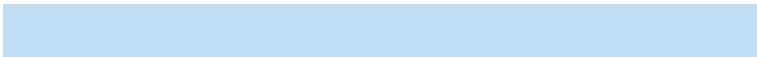
72.2988, 69.4400, 69.2672



68.2049, 69.4400, 59.3425



60.0793, 69.4400, 82.3252



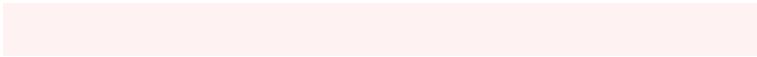
63.8444, 69.4400, 94.6041

Sweetspot

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



72.3007, 69.4431, 69.2687



89.1316, 91.3399, 97.1340



77.7029, 71.6022, 97.7215



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

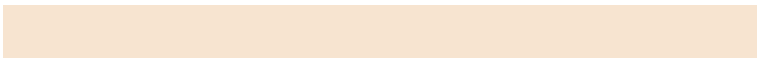
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3007, 69.4431, 69.2687



74.6529, 70.1537, 68.3498



77.3497, 79.5411, 70.9517



16.4994, 16.4828, 17.1095



20.2864, 10.4584, 0.9495



1.7830, 0.9193, 0.0835

Inverse Universe

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



76.0610, 86.6447, 100.7115



79.4148, 91.9370, 108.1678



70.4078, 75.3382, 98.8271



16.9966, 18.7575, 21.2673



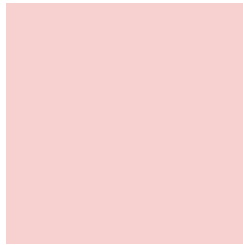
26.4648, 38.7234, 52.6175



2.3261, 3.4035, 4.6246

Previews

White Background



This preview shows how the XYZ color 72.2988, 69.4400, 69.2672 looks on a white background.

Color Contrast Check

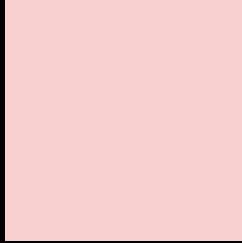
Large Text (above 18pt) WCAG AA × Fail

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 72.2988, 69.4400, 69.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

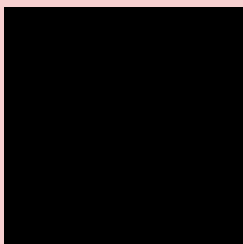
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2988, 69.4400, 69.2672

Background



This preview shows how black text looks on a background with the XYZ color 72.2988, 69.4400, 69.2672.



This preview shows how white text looks on a background with the XYZ color 72.2988, 69.4400,

69.2672.

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

72.2988, 69.4400, 69.2672

Protanopia

66.6903, 69.4454, 72.8401

Deuteranopia

71.0497, 69.5245, 69.3494



Tritanopia

74.3230, 69.5563, 78.6157

Trichromacy



Original Color

72.2988, 69.4400, 69.2672

Protanomaly

68.5071, 69.2806, 71.3898

Deuteranomaly

71.4939, 69.3881, 69.2996

Tritanomaly

73.5486, 69.5919, 75.2018

Monochromacy



Original Color

72.2988, 69.4400, 69.2672

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5837, 70.8926, 74.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2988, 69.4400, 69.2672 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(247, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.2988, 69.4400, 69.2672 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(247, 208, 208) }
```


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

```
.border{ border-color:rgb(247, 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(247, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2988, 69.4400, 69.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 208) }
```

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

```
.background{ background-color: rgb(247,  
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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