

Converting Colors

XYZ(73.8893, 71.2985, 72.1549)

Have a look what the booklet for
XYZ(73.8893, 71.2985, 72.1549)
contains.

XYZ(73.8893, 71.2985, 72.1549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.8893, 71.2985,
72.1549)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3D4
RGB	248, 211, 212
RGB Percent	97%, 83%, 83%
CMY	0.0274, 0.1725, 0.1686
CMYK	0.00, 0.15, 0.15, 0.03
HSL	358°, 73%, 90%
HSV	358°, 15%, 97%
XYZ	73.8893, 71.2985, 72.1549
YIQ	222.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

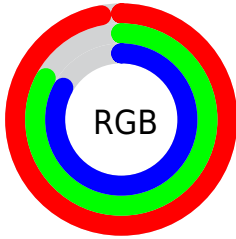
Format	Color
R _Y B	248, 211, 212
Decimal	16307156
CIE Lab	87.63, 13.07, 4.30
CIE LCh	88, 13.756, 18.236
Yxy	71.2985, 0.3400, 0.3280
Android (android.graphics.Color)	4294497236 (0xFFFF8D3D4)
YUV	222.1770, -5.0173, 22.6468
Hunter-Lab	84.4384, 8.4322, 8.4420

Details

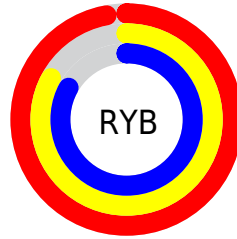
The XYZ color **73.8893, 71.2985, 72.1549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2227, 87.7008, 100.8579**, and the grayscale version is **69.5815, 73.2051, 79.7204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4601, 37.2876, 37.0157** is the 20% darker color. If you saturate the color by 10%, you get **65.3769, 58.7865, 55.4039**, and if you desaturate by 10%, it is **83.8112, 85.8999, 91.6222**.

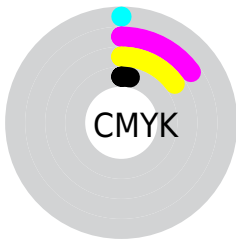
Distribution



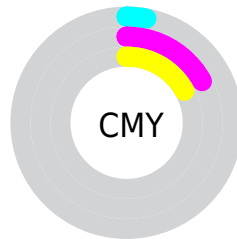
- Red (97%)
- Green (83%)
- Blue (83%)



- Red (97%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8893, 71.2985, 72.1549 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 73.8893, 71.2985, 72.1549 by changing the saturation by 10% instead.


 73.8893, 71.2985,
72.1549

 73.8893, 71.2985,
72.1549


463.1474,
465.0962, 487.0726

 54.9944, 52.5858,
52.7976


123.7352,
121.0587, 123.9865

 39.6311, 37.4722,
37.2546

155.4169,
152.8749, 157.2979

 27.4339, 25.5733,
25.1074


192.0916,
189.8279, 196.0977

 18.0377, 16.5047,
15.9373

234.1247,
232.3019, 240.8046

 11.0769, 9.8820,
9.3259

281.8814,
280.6813, 291.8369

 6.1862, 5.3208,
4.8547

335.7272,

 3.0004, 2.4367,

335.3506, 349.6134

2.1050

396.0275,
396.6941, 414.5524

■ 1.1540, 0.8447,
0.6187

■ 0.0696, 0.0000,
0.0000

■ 73.8893, 71.2985,
72.1549

■ 73.8893, 71.2985,
72.1549

■ 65.3769, 58.7865,
55.4039

■ 83.8112, 85.8999,
91.6222

■ 58.2046, 48.2592,
41.2442

■ 92.5216, 98.6966,
108.7817

■ 52.3058, 39.6178,
29.5479

■ 47.6061, 32.7508,
20.1742

■ 44.0232, 27.5351,
12.9685

■ 41.4647, 23.8320,
7.7570

■ 39.8233, 21.4801,
4.3395

■ 38.9676, 20.2813,
2.4742

■ 38.7482, 19.9712,
2.0042

Harmonies

Analogous

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



74.0833, 71.2985, 81.3455



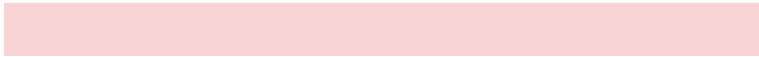
73.8893, 71.2985, 72.1549



72.0235, 71.2985, 65.0106

Triad

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



73.8893, 71.2985, 72.1549



63.2035, 71.2985, 66.2906



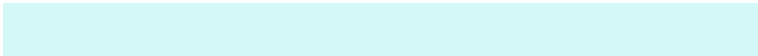
66.4986, 71.2985, 96.5428

Complementary

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



73.8893, 71.2985, 72.1549



77.2227, 87.7008, 100.8579

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.



63.6818, 71.2985, 91.7894



73.8893, 71.2985, 72.1549



61.8205, 71.2985, 74.0332

Square

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



73.8893, 71.2985, 72.1549



65.8267, 71.2985, 61.8164



61.9927, 71.2985, 83.3794



69.7453, 71.2985, 95.9382

Rectangle

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



73.8893, 71.2985, 72.1549



70.1152, 71.2985, 62.1414



61.9927, 71.2985, 83.3794



65.4720, 71.2985, 95.5040

Sweetspot

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



73.8913, 71.3017, 72.1564



90.3247, 93.0410, 99.6439



78.5150, 73.1008, 98.7792



19.1490, 19.6434, 20.9669



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

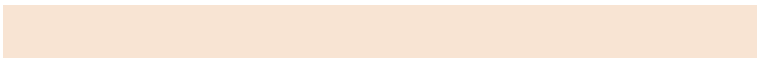
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8913, 71.3017, 72.1564



75.7396, 71.5799, 71.0161



78.2881, 80.2957, 73.0044



17.2635, 17.2328, 17.9776



20.9397, 10.7916, 1.1251



1.9458, 1.0021, 0.1381

Inverse Universe

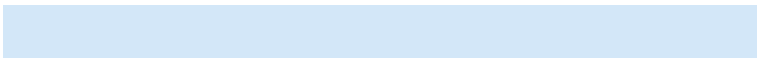
The Inverse Universe completely reimagines the original color for something new.



73.8913, 71.3017, 72.1564



75.7396, 71.5799, 71.0161



72.3113, 77.6316, 99.9807



17.2635, 17.2328, 17.9776



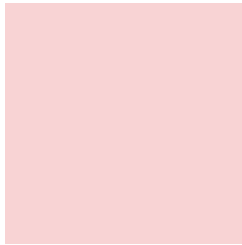
20.9397, 10.7916, 1.1251



1.9458, 1.0021, 0.1381

Previews

White Background



This preview shows how the XYZ color 73.8893, 71.2985, 72.1549 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 73.8893, 71.2985, 72.1549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

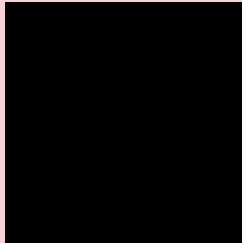
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8893, 71.2985, 72.1549

Background



This preview shows how black text looks on a background with the XYZ color 73.8893, 71.2985, 72.1549.



This preview shows how white text looks on a background with the XYZ color 73.8893, 71.2985,

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

73.8893, 71.2985, 72.1549

Protanopia

68.4667, 71.4682, 75.1519

Deuteranopia

72.9861, 71.5751, 72.2559



Tritanopia

75.8154, 71.3612, 81.0123

Trichromacy



Original Color

73.8893, 71.2985, 72.1549

Protanomaly

70.4259, 71.3417, 74.3485

Deuteranomaly

73.0833, 71.2529, 72.1886

Tritanomaly

75.0318, 71.4002, 77.5372

Monochromacy



Original Color

73.8893, 71.2985, 72.1549

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6813, 72.1937, 76.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8893, 71.2985, 72.1549 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, 211, 212) looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 212)  
}
```

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, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.8893, 71.2985, 72.1549 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, 211, 212) }
```


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

```
.border{ border-color:rgb(248, 211, 212) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8893, 71.2985, 72.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 212) }
```

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

```
.background{ background-color: rgb(248,  
211, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor