

Converting Colors

XYZ(71.0753, 69.8149, 72.4352)

Have a look what the booklet for
XYZ(71.0753, 69.8149, 72.4352)
contains.

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Color

**XYZ(71.2397, 69.9179,
72.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3D5
RGB	240, 211, 213
RGB Percent	94%, 83%, 84%
CMY	0.0588, 0.1725, 0.1647
CMYK	0.00, 0.12, 0.11, 0.06
HSL	356°, 49%, 88%
HSV	356°, 12%, 94%
XYZ	71.2397, 69.9179, 72.6916
YIQ	219.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

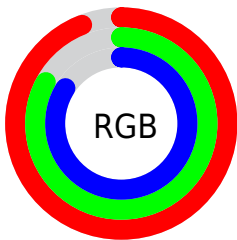
Format	Color
R _Y B	240, 211, 213
Decimal	15782869
CIE Lab	86.96, 10.40, 2.71
CIE LCh	87, 10.753, 14.612
Yxy	69.9179, 0.3331, 0.3269
Android (android.graphics.Color)	4293972949 (0xFFF0D3D5)
YUV	219.8990, -3.4012, 17.6286
Hunter-Lab	83.6169, 5.7483, 6.9886

Details

The XYZ color **71.2397, 69.9179, 72.6916** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4594, 82.3439, 92.9152**, and the grayscale version is **67.9736, 71.5135, 77.8782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8272, 36.4359, 37.3869** is the 20% darker color. If you saturate the color by 10%, you get **63.0729, 57.8148, 56.9256**, and if you desaturate by 10%, it is **80.6915, 83.9638, 90.8161**.

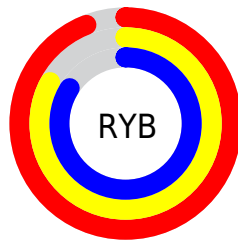
Distribution



Red (94%)

Green (83%)

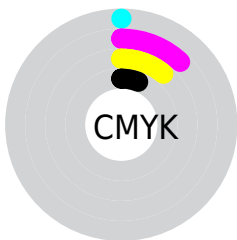
Blue (84%)



Red (94%)

Yellow (83%)

Blue (84%)

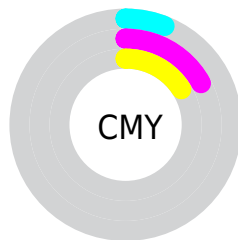


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2397, 69.9179, 72.6916 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 71.2397, 69.9179, 72.6916 by changing the saturation by 10% instead.

71.2397, 69.9179,
72.6916

71.2397, 69.9179,
72.6916

454.0897,
460.2617, 488.9873

52.8211, 51.4596,
53.2335

119.9916,
119.0917, 124.7562

37.8869, 36.5745,
37.6002

151.0556,
150.5759, 158.1997

26.0717, 24.8782,
25.3731

187.0655,
187.1710, 197.1422

17.0102, 15.9864,
16.1337

228.3865,
229.2612, 242.0022

10.3371, 9.5145,
9.4635

275.3841,
277.2310, 293.1981

5.6870, 5.0783,
4.9438

328.4236,

2.6946, 2.2933,

331.4647, 351.1486

2.1561

387.8704,
392.3468, 416.2722

■ 0.9944, 0.7701,
0.6489

■ 0.0000, 0.0000,
0.0000

■ 71.2397, 69.9179,
72.6916

■ 71.2397, 69.9179,
72.6916

■ 63.0729, 57.8148,
56.9256

■ 80.6915, 83.9638,
90.8161

■ 56.1301, 47.5603,
43.4168

■ 89.7455, 97.2654,
108.6518

■ 50.3539, 39.0662,
32.0633

■ 45.6803, 32.2335,
22.7535

■ 42.0388, 26.9532,
15.3659

■ 39.3511, 23.1036,
9.7659

■ 37.5273, 20.5446,
5.8018

■ 36.4603, 19.1081,
3.2964

■ 36.0330, 18.5644,
2.1950

Harmonies

Analogous

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



71.2220, 69.9179, 79.8590



71.2397, 69.9179, 72.6916



69.9533, 69.9179, 66.8201

Triad

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



71.2397, 69.9179, 72.6916



63.1197, 69.9179, 66.6988



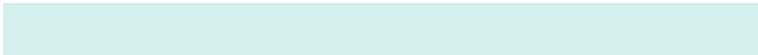
65.1813, 69.9179, 90.2615

Complementary

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



71.2397, 69.9179, 72.6916



73.4594, 82.3439, 92.9152

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.



63.0750, 69.9179, 86.2640



71.2397, 69.9179, 72.6916



61.9054, 69.9179, 72.5164

Square

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



71.2397, 69.9179, 72.6916



65.2436, 69.9179, 63.5110



61.8892, 69.9179, 79.6725



67.6810, 69.9179, 90.3158

Rectangle

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



71.2397, 69.9179, 72.6916



68.5475, 69.9179, 64.3017



61.8892, 69.9179, 79.6725



64.4052, 69.9179, 89.3237

Sweetspot

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



71.2417, 69.9210, 72.6931



90.3901, 93.0671, 99.9883



74.1446, 70.9881, 92.2331



19.1655, 19.6500, 21.0537



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.



71.2417, 69.9210, 72.6931



79.8022, 77.3406, 79.6590



74.1051, 76.0508, 72.4053



15.8169, 15.7765, 16.5922



19.7418, 10.1691, 1.2910



1.6576, 0.8521, 0.1880

Inverse Universe

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



71.2417, 69.9210, 72.6931



79.8022, 77.3406, 79.6590



70.3152, 75.5837, 93.3220



15.8169, 15.7765, 16.5922



19.7418, 10.1691, 1.2910



1.6576, 0.8521, 0.1880

Previews

White Background



This preview shows how the XYZ color 71.2397, 69.9179, 72.6916 looks on a white background.

Color Contrast Check

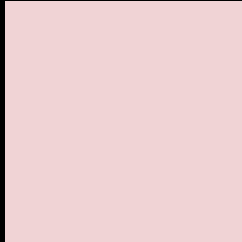
Large Text (above 18pt) WCAG AA × Fail

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 71.2397, 69.9179, 72.6916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

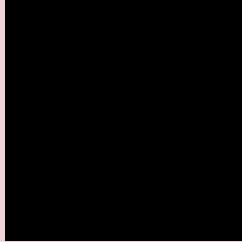
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2397, 69.9179, 72.6916

Background



This preview shows how black text looks on a background with the XYZ color 71.2397, 69.9179, 72.6916.

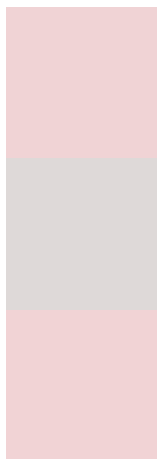


This preview shows how white text looks on a background with the XYZ color 71.2397, 69.9179,

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

71.2397, 69.9179, 72.6916

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.5801, 70.0934, 72.7075



Tritanopia

73.0090, 69.9144, 80.8810

Trichromacy



Original Color

71.2397, 69.9179, 72.6916

Protanomaly

68.8793, 70.1652, 74.2029

Deuteranomaly

71.5801, 70.0934, 72.7075

Tritanomaly

72.3734, 70.0144, 78.1063

Monochromacy



Original Color

71.2397, 69.9179, 72.6916

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0158, 70.9664, 75.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2397, 69.9179, 72.6916 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(240, 211, 213) looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 213)  
}
```

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(240, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.2397, 69.9179, 72.6916 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(240, 211, 213) }
```


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

```
.border{ border-color:rgb(240, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2397, 69.9179, 72.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 213) }
```

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

```
.background{ background-color: rgb(240,  
211, 213) }
```

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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