

Converting Colors

XYZ(71.9917, 70.0064, 74.3730)

Have a look what the booklet for
XYZ(71.9917, 70.0064, 74.3730)
contains.

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Color

**XYZ(72.0592, 69.9283,
74.6653)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D2D8
RGB	242, 210, 216
RGB Percent	95%, 82%, 85%
CMY	0.0510, 0.1764, 0.1529
CMYK	0.00, 0.13, 0.11, 0.05
HSL	349°, 55%, 89%
HSV	349°, 13%, 95%
XYZ	72.0592, 69.9283, 74.6653
YIQ	220.2520, 17.1460, 8.6500

Conversions

Conversions Part 2

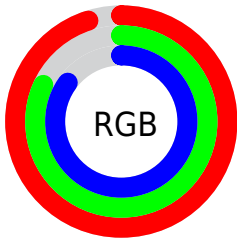
Format	Color
R _Y B	242, 210, 216
Decimal	15913688
CIE Lab	86.96, 12.12, 1.15
CIE LCh	87, 12.173, 5.438
Yxy	69.9283, 0.3326, 0.3228
Android (android.graphics.Color)	4294103768 (0xFFF2D2D8)
YUV	220.2520, -2.0962, 19.0730
Hunter-Lab	83.6231, 7.4754, 5.5974

Details

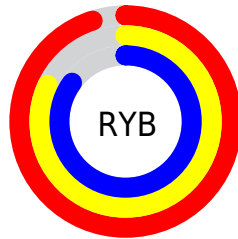
The XYZ color **72.0592, 69.9283, 74.6653** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4735, 83.2638, 91.5600**, and the grayscale version is **68.2109, 71.7632, 78.1501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4041, 36.4550, 38.7306** is the 20% darker color. If you saturate the color by 10%, you get **64.1384, 57.9143, 60.2235**, and if you desaturate by 10%, it is **81.1917, 83.8771, 91.0138**.

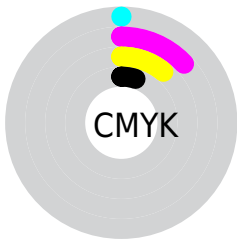
Distribution



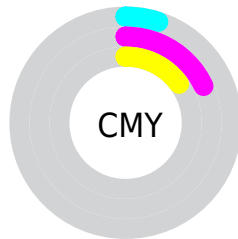
- Red (95%)
- Green (82%)
- Blue (85%)



- Red (95%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0592, 69.9283, 74.6653 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 72.0592, 69.9283, 74.6653 by changing the saturation by 10% instead.


 72.0592, 69.9283,
74.6653

 72.0592, 69.9283,
74.6653


456.9021,
460.2982, 495.9911

 53.4927, 51.4681,
54.8387


121.1510,
119.1065, 127.5812

 38.4253, 36.5813,
38.8748

152.4071,
150.5933, 161.5075

 26.4916, 24.8835,
26.3553


188.6236,
187.1910, 200.9709

 17.3264, 15.9902,
16.8615

230.1661,
229.2841, 246.3897

 10.5642, 9.5172,
9.9749

277.3998,
277.2570, 298.1826

 5.8397, 5.0801,
5.2769

330.6901,

 2.7876, 2.2943,

331.4941, 356.7681

2.3491

390.4024,
392.3797, 422.5647

■ 1.0425, 0.7707,
0.7585

■ 0.0000, 0.0000,
0.0000

■ 72.0592, 69.9283,
74.6653

■ 72.0592, 69.9283,
74.6653

■ 64.1384, 57.9143,
60.2235

■ 81.1917, 83.8771,
91.0138

■ 57.3723, 47.7406,
47.6143

■ 90.4283, 97.6174,
108.6837

■ 51.7080, 39.3188,
36.7649

■ 47.0862, 32.5495,
27.5962

■ 43.4419, 27.3234,
20.0229

■ 40.7025, 23.5177,
13.9519

■ 38.7852, 20.9911,
9.2802

■ 37.5908, 19.5726,
5.8909

■ 37.0987, 19.0696,
4.2435

Harmonies

Analogous

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



71.5640, 69.9283, 82.8381



72.0592, 69.9283, 74.6653



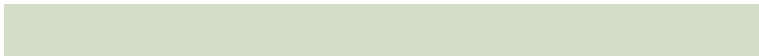
71.0209, 69.9283, 67.4146

Triad

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



72.0592, 69.9283, 74.6653



63.3438, 69.9283, 64.0784



64.2172, 69.9283, 91.2926

Complementary

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



72.0592, 69.9283, 74.6653



73.4735, 83.2638, 91.5600

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.



62.1077, 69.9283, 85.5876



72.0592, 69.9283, 74.6653



61.6136, 69.9283, 69.8131

Square

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



72.0592, 69.9283, 74.6653



65.9478, 69.9283, 61.5877



61.1676, 69.9283, 77.6341



66.9844, 69.9283, 92.8211

Rectangle

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



72.0592, 69.9283, 74.6653



69.6159, 69.9283, 63.9561



61.1676, 69.9283, 77.6341



63.4102, 69.9283, 89.7808

Sweetspot

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



72.0612, 69.9314, 74.6668



90.5759, 93.1415, 100.9666



73.5352, 70.2717, 93.6933



19.2123, 19.6687, 21.3002



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

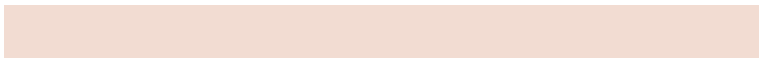
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0612, 69.9314, 74.6668



78.5013, 74.7201, 79.2837



73.7413, 74.5098, 71.4718



15.8938, 15.8072, 16.9969



19.9661, 10.2589, 2.4720



1.6941, 0.8667, 0.3800

Inverse Universe

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



72.0612, 69.9314, 74.6668



78.5013, 74.7201, 79.2837



71.5772, 78.0534, 95.2985



15.8938, 15.8072, 16.9969



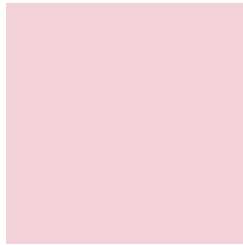
19.9661, 10.2589, 2.4720



1.6941, 0.8667, 0.3800

Previews

White Background



This preview shows how the XYZ color 72.0592, 69.9283, 74.6653 looks on a white background.

Color Contrast Check

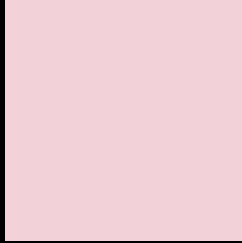
Large Text (above 18pt) WCAG AA × Fail

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 72.0592, 69.9283, 74.6653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

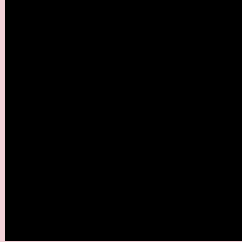
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0592, 69.9283, 74.6653

Background



This preview shows how black text looks on a background with the XYZ color 72.0592, 69.9283, 74.6653.



This preview shows how white text looks on a background with the XYZ color 72.0592, 69.9283,

74.6653.

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

72.0592, 69.9283, 74.6653

Protanopia

67.5499, 70.1652, 77.6931

Deuteranopia

71.6241, 70.0717, 74.7159



Tritanopia

73.3532, 70.0919, 80.8971

Trichromacy



Original Color

72.0592, 69.9283, 74.6653

Protanomaly

69.1458, 69.8656, 76.8589

Deuteranomaly

71.9646, 70.2472, 74.7319

Tritanomaly

72.9474, 69.9295, 78.7602

Monochromacy



Original Color

72.0592, 69.9283, 74.6653

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3370, 70.7202, 77.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0592, 69.9283, 74.6653 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(242, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 216)  
}
```

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(242, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.0592, 69.9283, 74.6653 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(242, 210, 216) }
```


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

```
.border{ border-color:rgb(242, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0592, 69.9283, 74.6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 216) }
```

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

```
.background{ background-color: rgb(242,  
210, 216) }
```

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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