

Converting Colors

XYZ(71.6016, 69.9764, 71.8925)

Have a look what the booklet for
XYZ(71.6016, 69.9764, 71.8925)
contains.

XYZ(71.7959, 70.2192, 72.0570)	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(71.7959, 70.2192,
72.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3D4
RGB	242, 211, 212
RGB Percent	95%, 83%, 83%
CMY	0.0510, 0.1725, 0.1686
CMYK	0.00, 0.13, 0.12, 0.05
HSL	358°, 54%, 89%
HSV	358°, 13%, 95%
XYZ	71.7959, 70.2192, 72.0570
YIQ	220.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

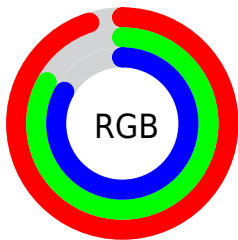
Format	Color
R _Y B	242, 211, 212
Decimal	15913940
CIE Lab	87.10, 10.95, 3.48
CIE LCh	87, 11.486, 17.623
Yxy	70.2192, 0.3354, 0.3280
Android (android.graphics.Color)	4294104020 (0xFFFF2D3D4)
YUV	220.3830, -4.1328, 18.9581
Hunter-Lab	83.7969, 6.2915, 7.6743

Details

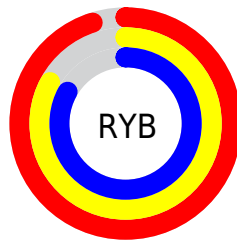
The XYZ color **71.7959, 70.2192, 72.0570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4960, 83.7058, 95.4536**, and the grayscale version is **68.3157, 71.8735, 78.2702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2240, 36.6504, 36.9579** is the 20% darker color. If you saturate the color by 10%, you get **63.4871, 57.9915, 55.7522**, and if you desaturate by 10%, it is **81.4424, 84.4347, 90.9239**.

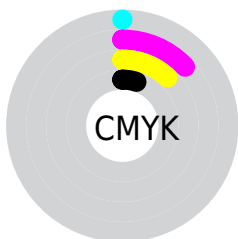
Distribution



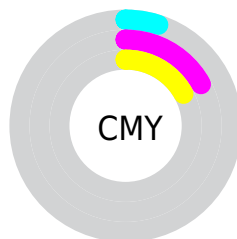
- Red (95%)
- Green (83%)
- Blue (83%)



- Red (95%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7959, 70.2192, 72.0570 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 71.7959, 70.2192, 72.0570 by changing the saturation by 10% instead.


 71.7959, 70.2192,
72.0570

 71.7959, 70.2192,
72.0570

455.9996,
461.3193, 486.7228

 53.2768, 51.7053,
52.7181


120.7787,
119.5213, 123.8460

 38.2522, 36.7702,
37.1916


151.9731,
151.0782, 157.1333

 26.3566, 25.0296,
25.0589


188.1234,
187.7516, 195.9071

 17.2247, 16.0991,
15.9015

229.5948,
229.9259, 240.5859

 10.4911, 9.5943,
9.3009

276.7528,
277.9854, 291.5884

 5.7905, 5.1308,
4.8385

329.9627,

 2.7576, 2.3242,

332.3145, 349.3330

2.0957

389.5898,
393.2977, 414.2383

■ 1.0269, 0.7865,
0.6132

■ 0.0000, 0.0000,
0.0000

■ 71.7959, 70.2192,
72.0570

■ 71.7959, 70.2192,
72.0570

■ 63.4871, 57.9915,
55.7522

■ 81.4424, 84.4347,
90.9239

■ 56.4513, 47.6542,
41.8949

■ 90.4283, 97.6174,
108.6837

■ 50.6276, 39.1159,
30.3683

■ 45.9474, 32.2738,
21.0445

■ 42.3354, 27.0148,
13.7830

■ 39.7075, 23.2121,
8.4275

■ 37.9667, 20.7192,
4.7992

■ 36.9965, 19.3596,
2.6853

■ 36.6609, 18.8945,
1.9380

Harmonies

Analogous

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



71.9247, 70.2192, 79.6778



71.7959, 70.2192, 72.0570



70.2904, 70.2192, 66.0226

Triad

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



71.7959, 70.2192, 72.0570



62.9909, 70.2192, 66.8961



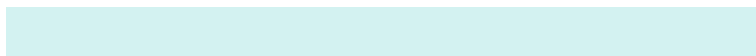
65.6381, 70.2192, 91.8660

Complementary

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



71.7959, 70.2192, 72.0570



74.4960, 83.7058, 95.4536

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.



63.3136, 70.2192, 87.9362



71.7959, 70.2192, 72.0570



61.8130, 70.2192, 73.3237

Square

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



71.7959, 70.2192, 72.0570



65.1867, 70.2192, 63.1834



61.9296, 70.2192, 81.0321



68.3203, 70.2192, 91.4699

Rectangle

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



71.7959, 70.2192, 72.0570



68.7308, 70.2192, 63.5545



61.9296, 70.2192, 81.0321



64.7904, 70.2192, 90.9968

Sweetspot

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



71.7979, 70.2223, 72.0585



90.3329, 93.0442, 99.6868



75.5875, 71.6973, 93.8603



19.1511, 19.6442, 20.9777



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

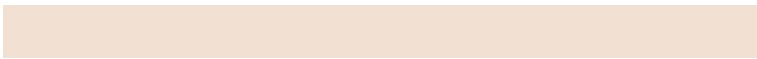
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7979, 70.2223, 72.0585



78.6406, 75.8178, 76.8047



75.4294, 77.6859, 72.6511



15.7934, 15.7671, 16.4682



19.7038, 10.1539, 1.0908



1.6464, 0.8476, 0.1286

Inverse Universe

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



71.7979, 70.2223, 72.0585



78.6406, 75.8178, 76.8047



70.5088, 75.4927, 94.8606



15.7934, 15.7671, 16.4682



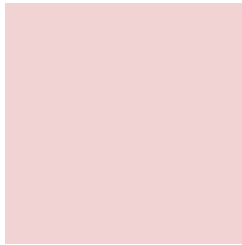
19.7038, 10.1539, 1.0908



1.6464, 0.8476, 0.1286

Previews

White Background



This preview shows how the XYZ color 71.7959, 70.2192, 72.0570 looks on a white background.

Color Contrast Check

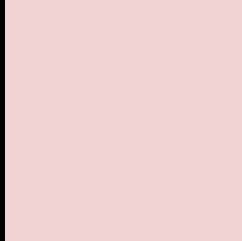
Large Text (above 18pt) WCAG AA × Fail

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 71.7959, 70.2192, 72.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

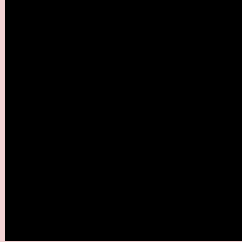
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7959, 70.2192, 72.0570

Background



This preview shows how black text looks on a background with the XYZ color 71.7959, 70.2192, 72.0570.



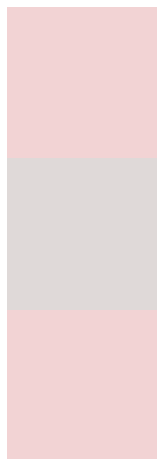
This preview shows how white text looks on a background with the XYZ color 71.7959, 70.2192,

72.0570.

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

71.7959, 70.2192, 72.0570

Protanopia

67.6389, 70.2716, 74.9646

Deuteranopia

71.7959, 70.2192, 72.0570



Tritanopia

73.6993, 70.2703, 80.9133

Trichromacy



Original Color

71.7959, 70.2192, 72.0570

Protanomaly

69.1993, 70.3302, 74.2179

Deuteranomaly

71.7959, 70.2192, 72.0570

Tritanomaly

72.9270, 70.3152, 77.4387

Monochromacy



Original Color

71.7959, 70.2192, 72.0570

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3321, 71.1294, 75.7208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7959, 70.2192, 72.0570 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, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 71.7959, 70.2192, 72.0570 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, 211, 212) }
```


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

```
.border{ border-color:rgb(242, 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(242, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7959, 70.2192, 72.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 212) }
```

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

```
.background{ background-color: rgb(242,  
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](#).

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