

Converting Colors

XYZ(72.5908, 70.2154, 77.9002)

Have a look what the booklet for
XYZ(72.5908, 70.2154, 77.9002)
contains.

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Color

**XYZ(72.7157, 70.1909,
78.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D2DD
RGB	242, 210, 221
RGB Percent	95%, 82%, 87%
CMY	0.0510, 0.1764, 0.1333
CMYK	0.00, 0.13, 0.09, 0.05
HSL	339°, 55%, 89%
HSV	339°, 13%, 95%
XYZ	72.7157, 70.1909, 78.1223
YIQ	220.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

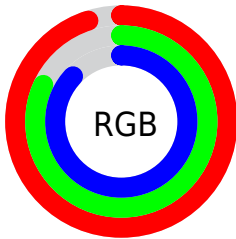
Format	Color
R _Y B	242, 210, 221
Decimal	15913693
CIE Lab	87.09, 12.94, -1.31
CIE LCh	87, 13.009, 354.241
Yxy	70.1909, 0.3290, 0.3176
Android (android.graphics.Color)	4294103773 (0xFF2D2DD)
YUV	220.8220, 0.0878, 18.5731
Hunter-Lab	83.7800, 8.3116, 3.3599

Details

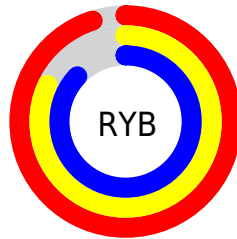
The XYZ color **72.7157, 70.1909, 78.1223** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7570, 82.9773, 87.7868**, and the grayscale version is **68.5958, 72.1682, 78.5911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8540, 36.6350, 41.0998** is the 20% darker color. If you saturate the color by 10%, you get **65.1700, 58.3269, 65.6558**, and if you desaturate by 10%, it is **81.3690, 83.9481, 91.9476**.

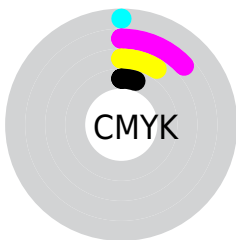
Distribution



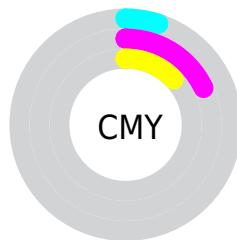
- Red (95%)
- Green (82%)
- Blue (87%)



- Red (95%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7157, 70.1909, 78.1223 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 72.7157, 70.1909, 78.1223 by changing the saturation by 10% instead.

72.7157, 70.1909,
78.1223

72.7157, 70.1909,
78.1223

459.1479,
461.2200, 508.1210

54.0311, 51.6822,
57.6574

122.0788,
119.4810, 132.5100

38.8573, 36.7518,
41.1204

153.4881,
151.0311, 167.2698

26.8289, 25.0154,
28.0928

189.8695,
187.6971, 207.6317

17.5807, 16.0885,
18.1560

231.5886,
229.8635, 254.0142

10.7472, 9.5868,
10.8914

279.0106,
277.9146, 306.8358

5.9632, 5.1259,
5.8806

332.5009,

2.8631, 2.3213,

332.2347, 366.5151

2.7050

392.4249,
393.2084, 433.4707

■ 1.0818, 0.7850,
0.9459

■ 0.0098, 0.0000,
0.0000

■ 72.7157, 70.1909,
78.1223

■ 72.7157, 70.1909,
78.1223

■ 65.1700, 58.3269,
65.6558

■ 81.3690, 83.9481,
91.9476

■ 58.6801, 48.2637,
54.5009

■ 90.0710, 97.4745,
106.8022

■ 53.1986, 39.9150,
44.6142

■ 90.4283, 97.6174,
108.6837

■ 48.6722, 33.1839,
35.9480

■ 45.0425, 27.9636,
28.4515

■ 42.2441, 24.1344,
22.0696

■ 40.2023, 21.5580,
16.7421

■ 38.8271, 20.0671,
12.4012

■ 38.1862, 19.5046,
9.9697

Harmonies

Analogous

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



71.5830, 70.1909, 86.6579



72.7157, 70.1909, 78.1223



72.2011, 70.1909, 69.7411

Triad

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



72.7157, 70.1909, 78.1223



64.3374, 70.1909, 62.1230



63.3484, 70.1909, 90.8683

Complementary

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



72.7157, 70.1909, 78.1223



72.7570, 82.9773, 87.7868

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.



61.5129, 70.1909, 83.5249



72.7157, 70.1909, 78.1223



62.0716, 70.1909, 67.0329

Square

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



72.7157, 70.1909, 78.1223



67.3041, 70.1909, 60.9159



61.0526, 70.1909, 74.7544



66.1281, 70.1909, 94.3677

Rectangle

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



72.7157, 70.1909, 78.1223



71.0008, 70.1909, 65.3059



61.0526, 70.1909, 74.7544



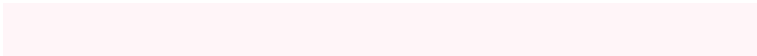
62.6040, 70.1909, 88.7417

Sweetspot

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



72.7177, 70.1940, 78.1238



90.8226, 93.2401, 102.2658



71.9666, 69.4630, 93.6200



19.2746, 19.6936, 21.6281



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.



72.7177, 70.1940, 78.1238



79.3716, 75.0682, 83.8664



72.5027, 72.0325, 71.0589



15.9970, 15.8485, 17.5405



20.5714, 10.5010, 5.6595



1.7564, 0.8916, 0.7082

Inverse Universe

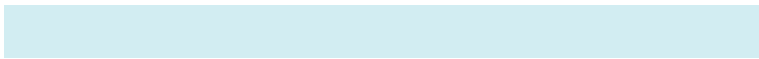
The Inverse Universe completely reimagines the original color for something new.



72.7177, 70.1940, 78.1238



79.3716, 75.0682, 83.8664



72.9498, 80.7987, 95.7561



15.9970, 15.8485, 17.5405



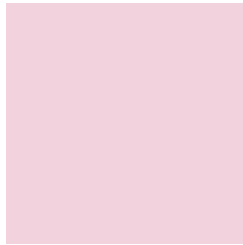
20.5714, 10.5010, 5.6595



1.7564, 0.8916, 0.7082

Previews

White Background



This preview shows how the XYZ color 72.7157, 70.1909, 78.1223 looks on a white background.

Color Contrast Check

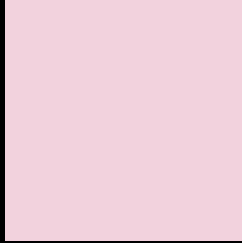
Large Text (above 18pt) WCAG AA × Fail

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 72.7157, 70.1909, 78.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

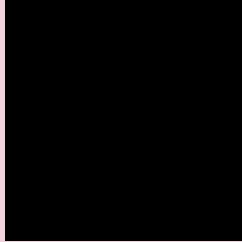
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7157, 70.1909, 78.1223

Background



This preview shows how black text looks on a background with the XYZ color 72.7157, 70.1909, 78.1223.



This preview shows how white text looks on a background with the XYZ color 72.7157, 70.1909,

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

72.7157, 70.1909, 78.1223

Protanopia

67.9187, 70.2776, 81.2194

Deuteranopia

71.6053, 69.9861, 78.1413



Tritanopia

73.4901, 70.1466, 81.6178

Trichromacy



Original Color

72.7157, 70.1909, 78.1223

Protanomaly

69.4960, 69.9689, 80.3635

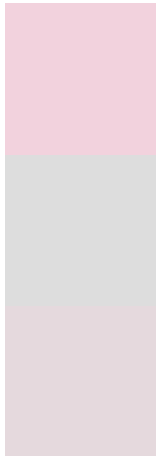
Deuteranomaly

71.9420, 70.1597, 78.1570

Tritanomaly

73.2172, 70.0374, 80.1806

Monochromacy



Original Color

72.7157, 70.1909, 78.1223

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.1771, 71.5042, 78.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7157, 70.1909, 78.1223 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.7157, 70.1909, 78.1223 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, 221) }
```


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

```
.border{ border-color:rgb(242, 210, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7157, 70.1909, 78.1223 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, 221) }
```

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

```
.background{ background-color: rgb(242,  
210, 221) }
```

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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