

Converting Colors

XYZ(72.0996, 70.2247, 77.8292)

Have a look what the booklet for
XYZ(72.0996, 70.2247, 77.8292)
contains.

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Color

**XYZ(72.2806, 70.3343,
78.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3DD
RGB	240, 211, 221
RGB Percent	94%, 83%, 87%
CMY	0.0588, 0.1725, 0.1333
CMYK	0.00, 0.12, 0.08, 0.06
HSL	339°, 49%, 88%
HSV	339°, 12%, 94%
XYZ	72.2806, 70.3343, 78.1729
YIQ	220.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

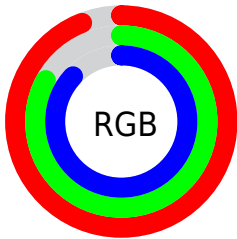
Format	Color
R _Y B	240, 211, 221
Decimal	15782877
CIE Lab	87.16, 11.73, -1.22
CIE LCh	87, 11.791, 354.046
Yxy	70.3343, 0.3274, 0.3186
Android (android.graphics.Color)	4293972957 (0xFFFF0D3DD)
YUV	220.8110, 0.0932, 16.8288
Hunter-Lab	83.8655, 7.0778, 3.4404

Details

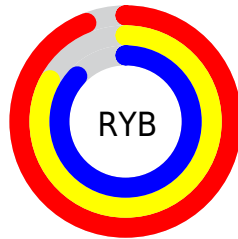
The XYZ color **72.2806, 70.3343, 78.1729** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3097, 81.8840, 86.8610**, and the grayscale version is **68.5888, 72.1608, 78.5831**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5386, 36.7205, 41.1329** is the 20% darker color. If you saturate the color by 10%, you get **64.7598, 58.4896, 65.8082**, and if you desaturate by 10%, it is **80.8919, 84.0440, 91.8712**.

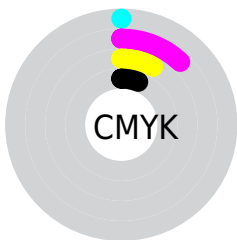
Distribution



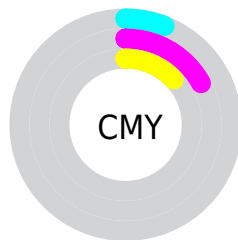
- Red (94%)
- Green (83%)
- Blue (87%)



- Red (94%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2806, 70.3343, 78.1729 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 72.2806, 70.3343, 78.1729 by changing the saturation by 10% instead.

72.2806, 70.3343,
78.1729

72.2806, 70.3343,
78.1729

457.6602,
461.7229, 508.2973

53.6742, 51.7991,
57.6987

121.4640,
119.6854, 132.5819

38.5709, 36.8450,
41.1534

152.7718,
151.2700, 167.3538

26.6053, 25.0875,
28.1184

189.0440,
187.9733, 207.7288

17.4121, 16.1422,
18.1751

230.6461,
230.1796, 254.1252

10.6258, 9.6249,
10.9050

277.9434,
278.2734, 306.9618

5.8813, 5.1510,
5.8896

331.3013,

2.8130, 2.3361,

332.6389, 366.6569

2.7104

391.0851,
393.6606, 433.6293

■ 1.0557, 0.7927,
0.9486

■ 0.0000, 0.0000,
0.0000

■ 72.2806, 70.3343,
78.1729

■ 72.2806, 70.3343,
78.1729

■ 64.7598, 58.4896,
65.8082

■ 80.8919, 84.0440,
91.8712

■ 58.2787, 48.4198,
54.7312

■ 89.3384, 97.1026,
106.5075

■ 52.7916, 40.0413,
44.8998

■ 89.7456, 97.2655,
108.6518

■ 48.2467, 33.2601,
36.2679

■ 44.5873, 27.9726,
28.7860

■ 41.7505, 24.0634,
22.4010

■ 39.6642, 21.3994,
17.0547

■ 38.2427, 19.8210,
12.6820

■ 37.4867, 19.1459,
9.8501

Harmonies

Analogous

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



71.2485, 70.3343, 85.8769



72.2806, 70.3343, 78.1729



71.8256, 70.3343, 70.5425

Triad

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



72.2806, 70.3343, 78.1729



64.7071, 70.3343, 63.4986



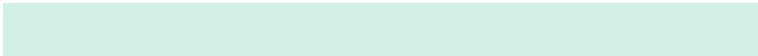
63.7766, 70.3343, 89.5841

Complementary

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



72.2806, 70.3343, 78.1729



72.3097, 81.8840, 86.8610

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.



62.1109, 70.3343, 82.9570



72.2806, 70.3343, 78.1729



62.6376, 70.3343, 67.9834

Square

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



72.2806, 70.3343, 78.1729



67.4038, 70.3343, 62.4109



61.6997, 70.3343, 75.0130



66.3005, 70.3343, 92.7508

Rectangle

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



72.2806, 70.3343, 78.1729



70.7464, 70.3343, 66.4741



61.6997, 70.3343, 75.0130



63.1006, 70.3343, 87.6661

Sweetspot

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



72.2826, 70.3374, 78.1744



90.8243, 93.2408, 102.2748



71.6099, 69.6814, 92.1145



19.2750, 19.6938, 21.6304



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.



72.2826, 70.3374, 78.1744



81.1596, 77.8836, 86.8070



72.0851, 72.0108, 71.7320



15.9977, 15.8488, 17.5442



20.5769, 10.5032, 5.6885



1.7569, 0.8918, 0.7109

Inverse Universe

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



72.2826, 70.3374, 78.1744



81.1596, 77.8836, 86.8070



72.4893, 79.9317, 94.0467



15.9977, 15.8488, 17.5442



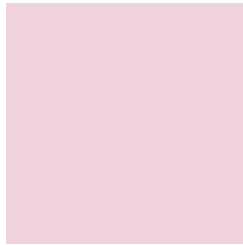
20.5769, 10.5032, 5.6885



1.7569, 0.8918, 0.7109

Previews

White Background



This preview shows how the XYZ color 72.2806, 70.3343, 78.1729 looks on a white background.

Color Contrast Check

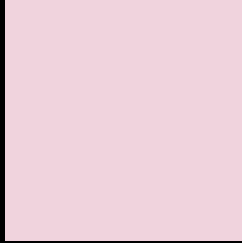
Large Text (above 18pt) WCAG AA × Fail

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 72.2806, 70.3343, 78.1729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

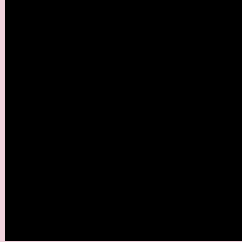
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2806, 70.3343, 78.1729

Background



This preview shows how black text looks on a background with the XYZ color 72.2806, 70.3343, 78.1729.

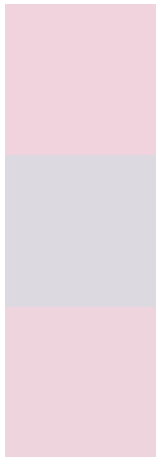


This preview shows how white text looks on a background with the XYZ color 72.2806, 70.3343,

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

72.2806, 70.3343, 78.1729

Protanopia

68.2223, 70.4341, 81.2336

Deuteranopia

71.8545, 70.4846, 78.2244



Tritanopia

73.1873, 70.3400, 82.3926

Trichromacy



Original Color

72.2806, 70.3343, 78.1729

Protanomaly

69.7499, 70.4767, 80.4482

Deuteranomaly

72.1912, 70.6581, 78.2401

Tritanomaly

72.9128, 70.2302, 80.9470

Monochromacy



Original Color

72.2806, 70.3343, 78.1729

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8589, 71.3401, 78.4947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2806, 70.3343, 78.1729 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 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(240, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.2806, 70.3343, 78.1729 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, 221) }
```


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

```
.border{ border-color:rgb(240, 211, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2806, 70.3343, 78.1729 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, 221) }
```

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

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