

Converting Colors

XYZ(73.7790, 70.2459, 84.0166)

Have a look what the booklet for
XYZ(73.7790, 70.2459, 84.0166)
contains.

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Color

**XYZ(73.9055, 70.3128,
83.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D1E5
RGB	243, 209, 229
RGB Percent	95%, 82%, 90%
CMY	0.0471, 0.1804, 0.1020
CMYK	0.00, 0.14, 0.06, 0.05
HSL	325°, 59%, 89%
HSV	325°, 14%, 95%
XYZ	73.9055, 70.3128, 83.8052
YIQ	221.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

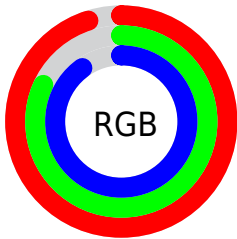
Format	Color
R _Y B	243, 209, 229
Decimal	15978981
CIE Lab	87.15, 15.17, -5.44
CIE LCh	87, 16.114, 340.259
Yxy	70.3128, 0.3241, 0.3084
Android (android.graphics.Color)	4294169061 (0xFFFF3D1E5)
YUV	221.4460, 3.7241, 18.9029
Hunter-Lab	83.8527, 10.5827, -0.5595

Details

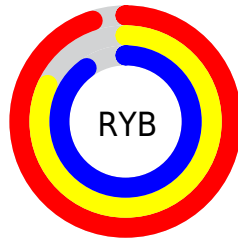
The XYZ color **73.9055, 70.3128, 83.8052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6672, 82.9862, 82.0568**, and the grayscale version is **69.0102, 72.6041, 79.0659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6891, 36.7320, 45.0425** is the 20% darker color. If you saturate the color by 10%, you get **67.0355, 58.7440, 74.8193**, and if you desaturate by 10%, it is **81.7694, 83.7386, 93.5214**.

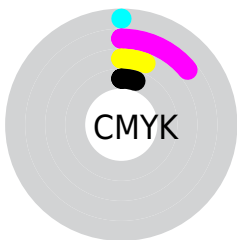
Distribution



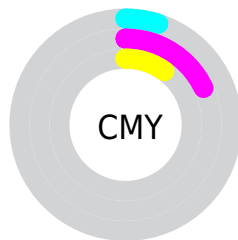
- Red (95%)
- Green (82%)
- Blue (90%)



- Red (95%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9055, 70.3128, 83.8052 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 73.9055, 70.3128, 83.8052 by changing the saturation by 10% instead.

 73.9055, 70.3128,
83.8052

 73.9055, 70.3128,
83.8052


463.2025,
461.6475, 527.7073

 55.0077, 51.7816,
62.3102


123.7581,
119.6547, 140.5619

 39.6418, 36.8310,
44.8460


155.4435,
151.2342, 176.6607

 27.4423, 25.0767,
30.9940


192.1223,
187.9319, 218.4645

 18.0440, 16.1342,
20.3359

234.1596,
230.1322, 266.3918

 11.0815, 9.6192,
12.4529

281.9210,
278.2196, 320.8612

 6.1893, 5.1472,
6.9267

335.7717,

 3.0023, 2.3339,

332.5783, 382.2912

3.3385

396.0771,
393.5928, 451.1004

■ 1.1550, 0.7916,
1.2700

■ 0.0704, 0.0000,
0.0370

■ 73.9055, 70.3128,
83.8052

■ 73.9055, 70.3128,
83.8052

■ 67.0355, 58.7440,
74.8193

■ 81.7694, 83.7386,
93.5214

■ 61.1108, 48.9402,
66.5386

■ 89.8240, 97.4155,
103.7043

■ 56.0881, 40.8155,
58.9425

■ 90.7726, 97.7949,
108.6998

■ 51.9176, 34.2732,
52.0075

■ 48.5450, 29.2067,
45.7082

■ 45.9090, 25.4957,
40.0169

■ 43.9387, 23.0012,
34.9023

■ 42.5482, 21.5536,
30.3279

■ 41.9152, 21.0359,
27.8096

Harmonies

Analogous

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



71.6369, 70.3128, 93.5632



73.9055, 70.3128, 83.8052



74.2385, 70.3128, 72.9120

Triad

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



73.9055, 70.3128, 83.8052



65.5444, 70.3128, 57.8525



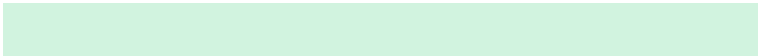
61.4369, 70.3128, 90.8101

Complementary

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



73.9055, 70.3128, 83.8052



71.6672, 82.9862, 82.0568

Split Complementary

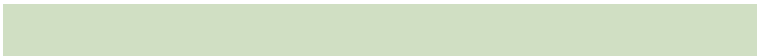
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.9319, 70.3128, 80.3250



73.9055, 70.3128, 83.8052



62.2435, 70.3128, 61.7504

Square

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



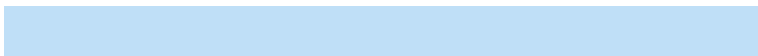
73.9055, 70.3128, 83.8052



69.3148, 70.3128, 58.5943



60.2215, 70.3128, 69.7424



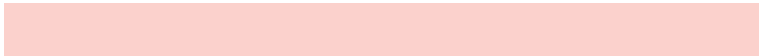
64.4057, 70.3128, 97.8640

Rectangle

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



73.9055, 70.3128, 83.8052



73.3052, 70.3128, 66.5437



60.2215, 70.3128, 69.7424



60.7482, 70.3128, 87.5312

Sweetspot

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



73.9075, 70.3159, 83.8067



91.2129, 93.3963, 104.3210



69.2893, 67.7000, 94.2106



19.3733, 19.7331, 22.1479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

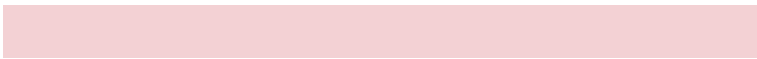
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9075, 70.3159, 83.8067



80.0037, 74.2952, 90.3577



71.6994, 69.4326, 72.1786



16.9081, 16.6461, 19.2625



23.0729, 11.5726, 15.6244



2.0789, 1.0375, 1.6419

Inverse Universe

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



73.9075, 70.3159, 83.8067



80.0037, 74.2952, 90.3577



74.0162, 83.9258, 94.4265



16.9081, 16.6461, 19.2625



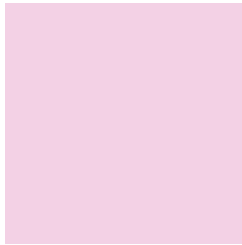
23.0729, 11.5726, 15.6244



2.0789, 1.0375, 1.6419

Previews

White Background



This preview shows how the XYZ color 73.9055, 70.3128, 83.8052 looks on a white background.

Color Contrast Check

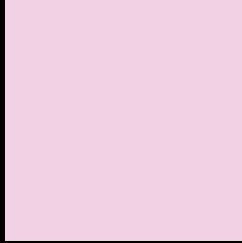
Large Text (above 18pt) WCAG AA × Fail

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 73.9055, 70.3128, 83.8052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

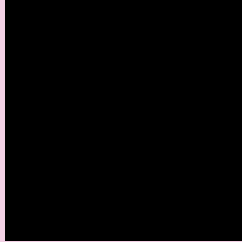
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9055, 70.3128, 83.8052

Background



This preview shows how black text looks on a background with the XYZ color 73.9055, 70.3128, 83.8052.



This preview shows how white text looks on a background with the XYZ color 73.9055, 70.3128,

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

73.9055, 70.3128, 83.8052

Protanopia

68.5776, 70.4716, 87.8299

Deuteranopia

71.8080, 70.3506, 83.1931



Tritanopia

73.7362, 70.6389, 81.6999

Trichromacy



Original Color

73.9055, 70.3128, 83.8052

Protanomaly

70.2906, 70.2502, 86.1989

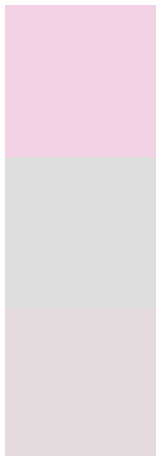
Deuteranomaly

72.5578, 70.3671, 83.1568

Tritanomaly

73.8739, 70.6939, 82.4248

Monochromacy



Original Color

73.9055, 70.3128, 83.8052

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5805, 71.6655, 80.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9055, 70.3128, 83.8052 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(243, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 229)  
}
```

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(243, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.9055, 70.3128, 83.8052 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(243, 209, 229) }
```


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

```
.border{ border-color:rgb(243, 209, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9055, 70.3128, 83.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 229) }
```

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

```
.background{ background-color: rgb(243,  
209, 229) }
```

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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