

Converting Colors

XYZ(75.1329, 73.6970, 77.9672)

Have a look what the booklet for
XYZ(75.1329, 73.6970, 77.9672)
contains.

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Color

**XYZ(75.1303, 73.6915,
77.9742)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D8DC
RGB	245, 216, 220
RGB Percent	96%, 85%, 86%
CMY	0.0392, 0.1529, 0.1372
CMYK	0.00, 0.12, 0.10, 0.04
HSL	352°, 59%, 90%
HSV	352°, 12%, 96%
XYZ	75.1303, 73.6915, 77.9742
YIQ	225.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

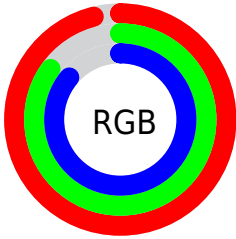
Format	Color
R_{YB}	245, 216, 220
Decimal	16111836
CIE Lab	88.78, 10.68, 1.71
CIE LCh	89, 10.819, 9.119
Yxy	73.6915, 0.3313, 0.3249
Android (android.graphics.Color)	4294301916 (0xFFF5D8DC)
YUV	225.1270, -2.5276, 17.4286
Hunter-Lab	85.8438, 5.9963, 6.2359

Details

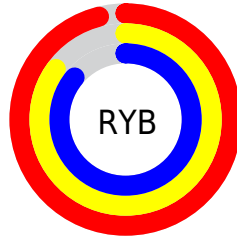
The XYZ color **75.1303, 73.6915, 77.9742** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8513, 86.2565, 95.8220**, and the grayscale version is **71.6706, 75.4031, 82.1139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5227, 39.0252, 40.9941** is the 20% darker color. If you saturate the color by 10%, you get **66.6924, 61.0131, 62.2200**, and if you desaturate by 10%, it is **84.8617, 88.3895, 95.9055**.

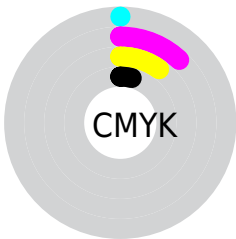
Distribution



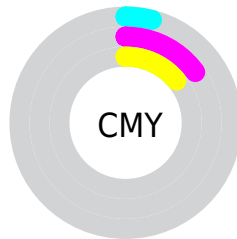
- Red (96%)
- Green (85%)
- Blue (86%)



- Red (96%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1303, 73.6915, 77.9742 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 75.1303, 73.6915, 77.9742 by changing the saturation by 10% instead.

 75.1303, 73.6915,
77.9742

 75.1303, 73.6915,
77.9742


467.3556,
473.4079, 507.6048

 56.0142, 54.5416,
57.5365


125.4837,
124.4584, 132.2993

 40.4513, 39.0348,
41.0239


157.4517,
156.8441, 167.0237

 28.0764, 26.7868,
28.0179


194.4344,
194.4106, 207.3475

 18.5240, 17.4132,
18.1000

236.7972,
237.5423, 253.6891

 11.4288, 10.5295,
10.8516

284.9053,
286.6234, 306.4671

 6.4254, 5.7514,
5.8542

339.1242,

 3.1486, 2.6945,

342.0385, 366.1000

2.6893

399.8191,
404.1719, 433.0064

■ 1.2328, 0.9744,
0.9380

■ 0.1320, 0.0000,
0.0000

■ 75.1303, 73.6915,
77.9742

■ 75.1303, 73.6915,
77.9742

■ 66.6924, 61.0131,
62.2200

■ 84.8617, 88.3895,
95.9055

■ 59.4875, 50.2566,
48.5551

■ 91.4665, 98.1527,
108.7323

■ 53.4592, 41.3311,
36.8929

■ 48.5445, 34.1344,
27.1389

■ 44.6745, 28.5540,
19.1907

■ 41.7722, 24.4644,
12.9364

■ 39.7502, 21.7215,
8.2515

■ 38.5046, 20.1523,
4.9935

■ 37.9419, 19.5268,
3.2647

Harmonies

Analogous

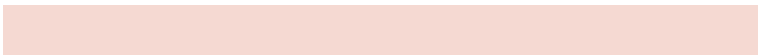
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8509, 73.6915, 85.4864



75.1303, 73.6915, 77.9742



74.0200, 73.6915, 71.4809

Triad

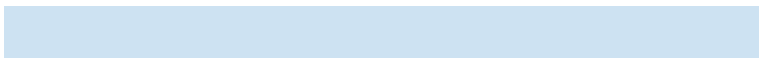
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1303, 73.6915, 77.9742



66.9133, 73.6915, 69.5643



68.2627, 73.6915, 94.4752

Complementary

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



75.1303, 73.6915, 77.9742



76.8513, 86.2565, 95.8220

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.



66.2083, 73.6915, 89.6816



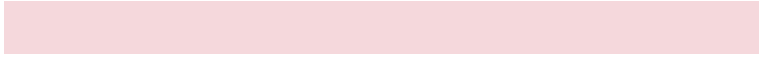
75.1303, 73.6915, 77.9742



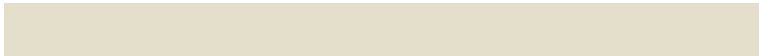
65.4428, 73.6915, 75.2080

Square

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



75.1303, 73.6915, 77.9742



69.2468, 73.6915, 66.8283



65.1880, 73.6915, 82.5442



70.8424, 73.6915, 95.3303

Rectangle

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



75.1303, 73.6915, 77.9742



72.6571, 73.6915, 68.4897



65.1880, 73.6915, 82.5442



67.4896, 73.6915, 93.2573

Sweetspot

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



75.1324, 73.6948, 77.9758



90.4981, 93.1103, 100.5567



77.1958, 74.3469, 96.6688



19.1927, 19.6609, 21.1969



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

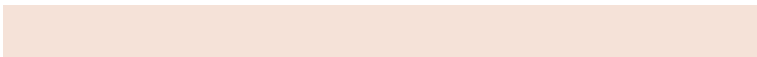
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1324, 73.6948, 77.9758



80.1342, 77.4735, 81.4076



77.2903, 78.8474, 76.1151



16.5921, 16.5197, 17.5986



20.4688, 10.5309, 1.9109



1.8272, 0.9369, 0.3166

Inverse Universe

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



75.1324, 73.6948, 77.9758



80.1342, 77.4735, 81.4076



74.4684, 80.5248, 98.0050



16.5921, 16.5197, 17.5986



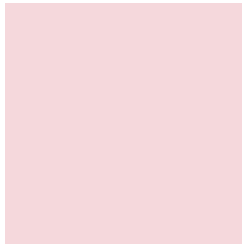
20.4688, 10.5309, 1.9109



1.8272, 0.9369, 0.3166

Previews

White Background



This preview shows how the XYZ color 75.1303, 73.6915, 77.9742 looks on a white background.

Color Contrast Check

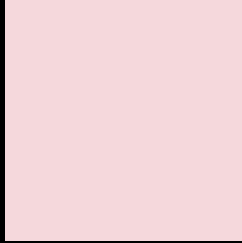
Large Text (above 18pt) WCAG AA × Fail

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 75.1303, 73.6915, 77.9742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

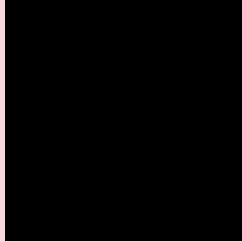
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1303, 73.6915, 77.9742

Background



This preview shows how black text looks on a background with the XYZ color 75.1303, 73.6915, 77.9742.



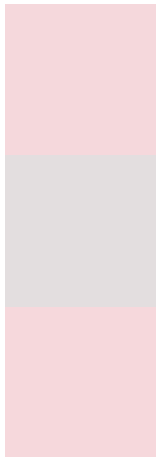
This preview shows how white text looks on a background with the XYZ color 75.1303, 73.6915,

77.9742.

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

75.1303, 73.6915, 77.9742

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

76.4764, 73.4555, 85.7489

Trichromacy



Original Color

75.1303, 73.6915, 77.9742

Protanomaly

72.7097, 73.9528, 79.5493

Deuteranomaly

75.4802, 73.8719, 77.9906

Tritanomaly

76.1716, 73.7398, 82.8916

Monochromacy



Original Color

75.1303, 73.6915, 77.9742

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7193, 74.7261, 80.4029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1303, 73.6915, 77.9742 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(245, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 220)  
}
```

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(245, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.1303, 73.6915, 77.9742 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(245, 216, 220) }
```


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

```
.border{ border-color:rgb(245, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1303, 73.6915, 77.9742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 220) }
```

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

```
.background{ background-color: rgb(245,  
216, 220) }
```

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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