

Converting Colors

XYZ(74.3206, 73.5206, 77.6669)

Have a look what the booklet for
XYZ(74.3206, 73.5206, 77.6669)
contains.

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Color

**XYZ(74.3491, 73.6703,
78.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9DC
RGB	242, 217, 220
RGB Percent	95%, 85%, 86%
CMY	0.0510, 0.1490, 0.1372
CMYK	0.00, 0.10, 0.09, 0.05
HSL	353°, 49%, 90%
HSV	353°, 10%, 95%
XYZ	74.3491, 73.6703, 78.0113
YIQ	224.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

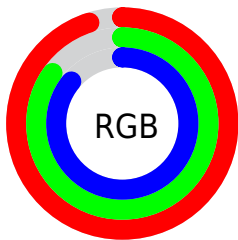
Format	Color
R _Y B	242, 217, 220
Decimal	15915484
CIE Lab	88.77, 9.12, 1.67
CIE LCh	89, 9.269, 10.373
Yxy	73.6703, 0.3289, 0.3259
Android (android.graphics.Color)	4294105564 (0xFFF2D9DC)
YUV	224.8170, -2.3748, 15.0695
Hunter-Lab	85.8314, 4.4158, 6.1939

Details

The XYZ color **74.3491, 73.6703, 78.0113** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9503, 84.4899, 93.9708**, and the grayscale version is **71.4479, 75.1687, 81.8588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9616, 38.9964, 41.0182** is the 20% darker color. If you saturate the color by 10%, you get **65.9196, 61.0412, 62.1592**, and if you desaturate by 10%, it is **84.0569, 88.2789, 96.0645**.

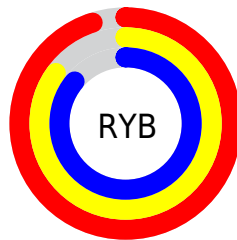
Distribution



Red (95%)

Green (85%)

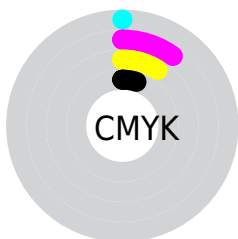
Blue (86%)



Red (95%)

Yellow (85%)

Blue (86%)

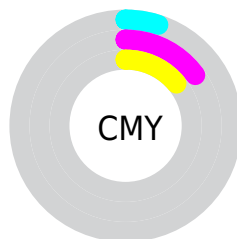


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3491, 73.6703, 78.0113 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 74.3491, 73.6703, 78.0113 by changing the saturation by 10% instead.

74.3491, 73.6703,
78.0113

74.3491, 73.6703,
78.0113

464.7091,
473.3347, 507.7341

55.3721, 54.5242,
57.5668

124.3834,
124.4283, 132.3521

39.9347, 39.0209,
41.0481

156.1714,
156.8091, 167.0854

27.6717, 26.7760,
28.0367

192.9605,
194.3702, 207.4187

18.2175, 17.4051,
18.1140

235.1160,
237.4960, 253.7705

11.2069, 10.5237,
10.8616

283.0032,
286.5710, 306.5595

6.2745, 5.7476,
5.8608

336.9876,

3.0549, 2.6922,

341.9795, 366.2040

2.6932

397.4344,
404.1059, 433.1227

■ 1.1829, 0.9732,
0.9400

■ 0.0928, 0.0000,
0.0000

■ 74.3491, 73.6703,
78.0113

■ 74.3491, 73.6703,
78.0113

■ 65.9196, 61.0412,
62.1592

■ 84.0569, 88.2789,
96.0645

■ 58.7090, 50.2972,
48.4194

■ 90.4283, 97.6175,
108.6837

■ 52.6625, 41.3508,
36.7038

■ 47.7188, 34.1036,
26.9164

■ 43.8107, 28.4478,
18.9535

■ 40.8638, 24.2633,
12.7013

■ 38.7934, 21.4129,
8.0334

■ 37.5000, 19.7333,
4.8054

■ 36.8402, 18.9662,
2.8818

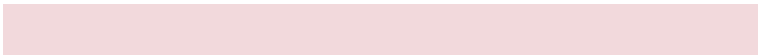
Harmonies

Analogous

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



74.1619, 73.6703, 84.4343



74.3491, 73.6703, 78.0113



73.3581, 73.6703, 72.4781

Triad

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



74.3491, 73.6703, 78.0113



67.2652, 73.6703, 71.1694



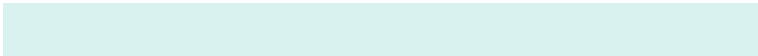
68.5830, 73.6703, 92.4174

Complementary

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



74.3491, 73.6703, 78.0113



75.9503, 84.4899, 93.9708

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.



66.7875, 73.6703, 88.4826



74.3491, 73.6703, 78.0113



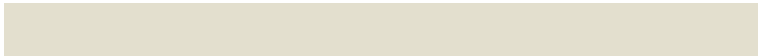
66.0380, 73.6703, 76.1376

Square

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



74.3491, 73.6703, 78.0113



69.2479, 73.6703, 68.6700



65.8650, 73.6703, 82.4587



70.8007, 73.6703, 92.9852

Rectangle

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



74.3491, 73.6703, 78.0113



72.1747, 73.6703, 69.9515



65.8650, 73.6703, 82.4587



67.9114, 73.6703, 91.4351

Sweetspot

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



74.3512, 73.6735, 78.0129



91.5926, 94.7897, 102.4929



76.3263, 74.3327, 94.3301



19.4117, 19.9984, 21.5795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

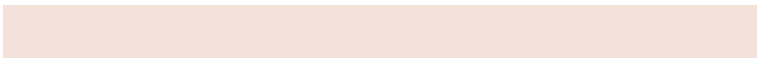
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3512, 73.6735, 78.0129



82.0162, 80.3918, 84.6423



76.3863, 78.3731, 76.7512



15.8498, 15.7897, 16.7655



19.8163, 10.1990, 1.6834



1.6733, 0.8584, 0.2706

Inverse Universe

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



74.3512, 73.6735, 78.0129



82.0162, 80.3918, 84.6423



73.7368, 79.3486, 95.4348



15.8498, 15.7897, 16.7655



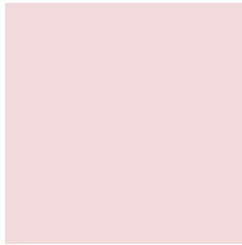
19.8163, 10.1990, 1.6834



1.6733, 0.8584, 0.2706

Previews

White Background



This preview shows how the XYZ color 74.3491, 73.6703, 78.0113 looks on a white background.

Color Contrast Check

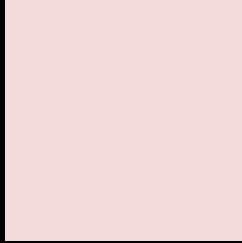
Large Text (above 18pt) WCAG AA × Fail

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 74.3491, 73.6703, 78.0113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

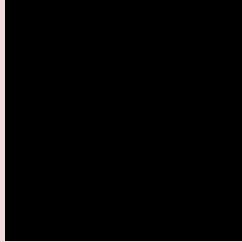
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3491, 73.6703, 78.0113

Background



This preview shows how black text looks on a background with the XYZ color 74.3491, 73.6703, 78.0113.

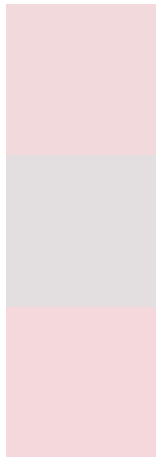


This preview shows how white text looks on a background with the XYZ color 74.3491, 73.6703,

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

74.3491, 73.6703, 78.0113

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.1303, 73.6915, 77.9742



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

74.3491, 73.6703, 78.0113

Protanomaly

72.0567, 73.6161, 79.5188

Deuteranomaly

74.7824, 73.5121, 77.9580

Tritanomaly

75.5216, 73.7679, 83.6570

Monochromacy



Original Color

74.3491, 73.6703, 78.0113

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3956, 74.5592, 80.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3491, 73.6703, 78.0113 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, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.3491, 73.6703, 78.0113 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, 217, 220) }
```


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

```
.border{ border-color:rgb(242, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3491, 73.6703, 78.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 220) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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