

Converting Colors

XYZ(74.1416, 70.4247, 86.7833)

Have a look what the booklet for
XYZ(74.1416, 70.4247, 86.7833)
contains.

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Color

**XYZ(74.1264, 70.3614,
86.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D1E9
RGB	242, 209, 233
RGB Percent	95%, 82%, 91%
CMY	0.0510, 0.1804, 0.0863
CMYK	0.00, 0.14, 0.04, 0.05
HSL	316°, 56%, 88%
HSV	316°, 14%, 95%
XYZ	74.1264, 70.3614, 86.7650
YIQ	221.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

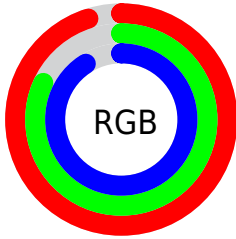
Format	Color
R _Y B	242, 209, 233
Decimal	15913449
CIE Lab	87.17, 15.52, -7.53
CIE LCh	87, 17.254, 334.107
Yxy	70.3614, 0.3205, 0.3043
Android (android.graphics.Color)	4294103529 (0xFFFF2D1E9)
YUV	221.6030, 5.6187, 17.8882
Hunter-Lab	83.8817, 10.9478, -2.6108

Details

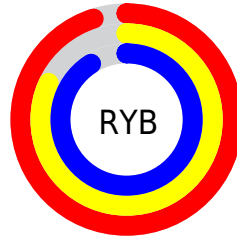
The XYZ color **74.1264, 70.3614, 86.7650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7043, 82.1235, 78.4585**, and the grayscale version is **69.1087, 72.7078, 79.1788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7411, 36.7246, 46.5890** is the 20% darker color. If you saturate the color by 10%, you get **67.7092, 59.0071, 80.0608**, and if you desaturate by 10%, it is **81.4848, 83.5396, 93.9587**.

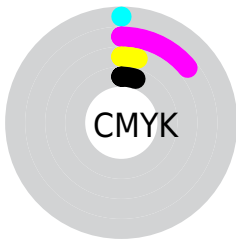
Distribution



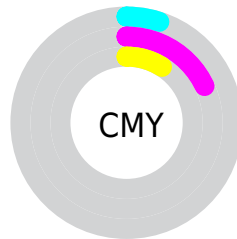
- Red (95%)
- Green (82%)
- Blue (91%)



- Red (95%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1264, 70.3614, 86.7650 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 74.1264, 70.3614, 86.7650 by changing the saturation by 10% instead.


 74.1264, 70.3614,
86.7650

 74.1264, 70.3614,
86.7650


463.9531,
461.8179, 537.7465

 55.1891, 51.8212,
64.7422


124.0695,
119.7240, 144.7325

 39.7876, 36.8626,
46.8021

155.8061,
151.3152, 181.5144

 27.5565, 25.1011,
32.5260


192.5398,
188.0255, 224.0530

 18.1303, 16.1524,
21.4954

234.6360,
230.2394, 272.7669

 11.1439, 9.6321,
13.2919

282.4601,
278.3411, 328.0747

 6.2317, 5.1557,
7.4968

336.3774,

 3.0285, 2.3389,

332.7152, 390.3948

3.6915

396.7533,
393.7460, 460.1459

■ 1.1688, 0.7942,
1.4577

■ 0.0815, 0.0000,
0.1861

■ 74.1264, 70.3614,
86.7650

■ 74.1264, 70.3614,
86.7650

■ 67.7092, 59.0071,
80.0608

■ 81.4848, 83.5396,
93.9587

■ 62.1862, 49.3862,
73.8259

■ 89.0442, 97.0638,
101.3944

■ 57.5152, 41.4144,
68.0454

■ 90.0768, 97.4769,
106.8323

■ 53.6486, 34.9965,
62.7013

■ 90.4284, 97.6175,
108.6837

■ 50.5335, 30.0277,
57.7741

■ 48.1107, 26.3903,
53.2420

■ 46.3116, 23.9476,
49.0802

■ 45.0530, 22.5339,
45.2586

■ 44.4541, 22.0118,
42.9760

Harmonies

Analogous

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



71.3370, 70.3614, 96.5923



74.1264, 70.3614, 86.7650



74.9449, 70.3614, 75.0260

Triad

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



74.1264, 70.3614, 86.7650



66.3204, 70.3614, 56.4575



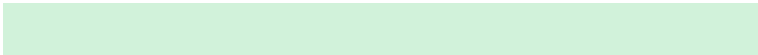
60.6360, 70.3614, 89.8046

Complementary

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



74.1264, 70.3614, 86.7650



70.7043, 82.1235, 78.4585

Split Complementary

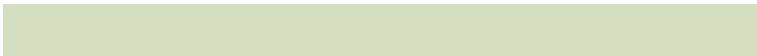
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4088, 70.3614, 78.2194



74.1264, 70.3614, 86.7650



62.6058, 70.3614, 59.5958

Square

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



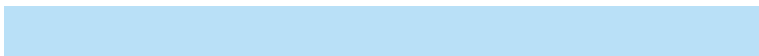
74.1264, 70.3614, 86.7650



70.3336, 70.3614, 58.2554



60.1152, 70.3614, 67.2829



63.5344, 70.3614, 98.4678

Rectangle

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



74.1264, 70.3614, 86.7650



74.2363, 70.3614, 67.8620



60.1152, 70.3614, 67.2829



60.0198, 70.3614, 86.0827

Sweetspot

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



74.1284, 70.3645, 86.7665



91.4372, 93.4860, 105.5019



67.6841, 66.8899, 93.3492



19.4301, 19.7559, 22.4471



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.



74.1284, 70.3645, 86.7665



81.6468, 75.9783, 95.8475



71.9063, 69.4756, 75.0647



16.2596, 15.9535, 18.9231



23.9412, 11.8489, 23.4046



2.0332, 1.0023, 2.1657

Inverse Universe

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



74.1284, 70.3645, 86.7665



81.6468, 75.9783, 95.8475



72.9434, 83.0191, 90.2496



16.2596, 15.9535, 18.9231



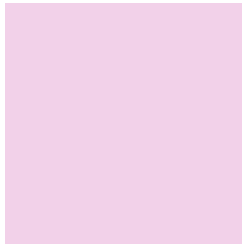
23.9412, 11.8489, 23.4046



2.0332, 1.0023, 2.1657

Previews

White Background



This preview shows how the XYZ color 74.1264, 70.3614, 86.7650 looks on a white background.

Color Contrast Check

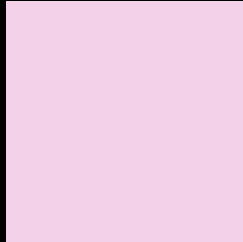
Large Text (above 18pt) WCAG AA × Fail

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 74.1264, 70.3614, 86.7650 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 74.1264, 70.3614, 86.7650

Background



This preview shows how black text looks on a background with the XYZ color 74.1264, 70.3614, 86.7650.



This preview shows how white text looks on a background with the XYZ color 74.1264, 70.3614,

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

74.1264, 70.3614, 86.7650

Protanopia

68.8607, 70.5505, 90.8772

Deuteranopia

71.7132, 70.2368, 86.1213



Tritanopia

73.1873, 70.3400, 82.3926

Trichromacy



Original Color

74.1264, 70.3614, 86.7650

Protanomaly

70.5509, 70.3180, 89.2112

Deuteranomaly

72.4518, 70.2476, 86.0844

Tritanomaly

73.4651, 70.4511, 83.8551

Monochromacy



Original Color

74.1264, 70.3614, 86.7650

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8534, 71.7747, 82.0710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1264, 70.3614, 86.7650 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, 209, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 233)  
}
```

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, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.1264, 70.3614, 86.7650 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, 209, 233) }
```


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

```
.border{ border-color:rgb(242, 209, 233) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1264, 70.3614, 86.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 233) }
```

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

```
.background{ background-color: rgb(242,  
209, 233) }
```

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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