

Converting Colors

XYZ(74.6041, 70.3662, 84.4736)

Have a look what the booklet for
XYZ(74.6041, 70.3662, 84.4736)
contains.

XYZ(74.4950, 70.2374, 84.4938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4950, 70.2374,
84.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D0E6
RGB	245, 208, 230
RGB Percent	96%, 82%, 90%
CMY	0.0392, 0.1843, 0.0980
CMYK	0.00, 0.15, 0.06, 0.04
HSL	324°, 65%, 89%
HSV	324°, 15%, 96%
XYZ	74.4950, 70.2374, 84.4938
YIQ	221.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

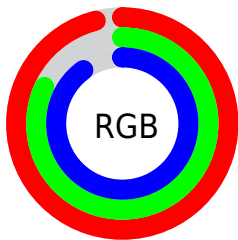
Format	Color
R _Y B	245, 208, 230
Decimal	16109798
CIE Lab	87.11, 16.55, -6.01
CIE LCh	87, 17.602, 340.045
Yxy	70.2374, 0.3250, 0.3064
Android (android.graphics.Color)	4294299878 (0xFFF5D0E6)
YUV	221.5710, 4.1555, 20.5472
Hunter-Lab	83.8078, 12.0014, -1.1099

Details

The XYZ color **74.4950, 70.2374, 84.4938** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9869, 84.0443, 82.2441**, and the grayscale version is **69.0946, 72.6929, 79.1626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2797, 37.0252, 45.5810** is the 20% darker color. If you saturate the color by 10%, you get **67.6219, 58.6595, 75.5156**, and if you desaturate by 10%, it is **82.3744, 83.6985, 94.2013**.

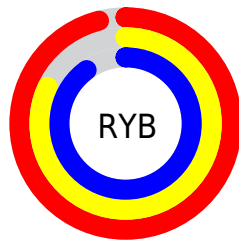
Distribution



Red (96%)

Green (82%)

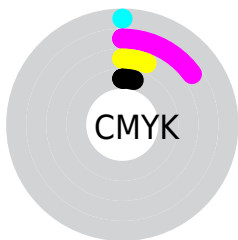
Blue (90%)



Red (96%)

Yellow (82%)

Blue (90%)

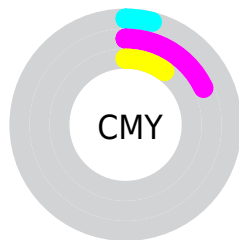


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (4%)



Cyan (4%)


Magenta (18%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4950, 70.2374, 84.4938 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 74.4950, 70.2374, 84.4938 by changing the saturation by 10% instead.


 74.4950, 70.2374,
84.4938

 74.4950, 70.2374,
84.4938


465.2040,
461.3831, 530.0524

 55.4920, 51.7201,
62.8755


124.5890,
119.5472, 141.5336

 40.0312, 36.7820,
45.3001

156.4107,
151.1086, 177.7921

 27.7472, 25.0388,
31.3492


193.2360,
187.7867, 219.7678

 18.2746, 16.1059,
20.6042

235.4302,
229.9660, 267.8792

 11.2482, 9.5991,
12.6466

283.3588,
278.0309, 322.5448

 6.3026, 5.1340,
7.0578

337.3871,

 3.0723, 2.3261,

332.3658, 384.1832

3.4193

397.8803,
393.3551, 453.2129

■ 1.1921, 0.7875,
1.3125

■ 0.1001, 0.0000,
0.0720

■ 74.4950, 70.2374,
84.4938

■ 74.4950, 70.2374,
84.4938

■ 67.6219, 58.6595,
75.5156

■ 82.3744, 83.6985,
94.2013

■ 61.7053, 48.8707,
67.2412

■ 90.6514, 97.8266,
104.4391

■ 56.7005, 40.7824,
59.6500

■ 91.4666, 98.1527,
108.7323

■ 52.5566, 34.2951,
52.7179

■ 49.2173, 29.2984,
46.4194

■ 46.6192, 25.6682,
40.7262

■ 44.6889, 23.2597,
35.6062

■ 43.3362, 21.8950,
31.0216

■ 42.8189, 21.4776,
28.9466

Harmonies

Analogous

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



71.9929, 70.2374, 95.2176



74.4950, 70.2374, 84.4938



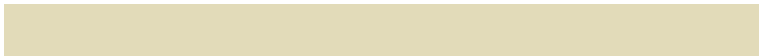
74.8771, 70.2374, 72.5824

Triad

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



74.4950, 70.2374, 84.4938



65.3846, 70.2374, 56.2189



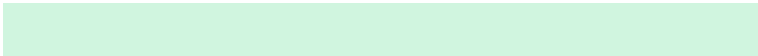
60.8688, 70.2374, 92.0425

Complementary

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



74.4950, 70.2374, 84.4938



71.9869, 84.0443, 82.2441

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.



59.2491, 70.2374, 80.5077



74.4950, 70.2374, 84.4938



61.7843, 70.2374, 60.3717

Square

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



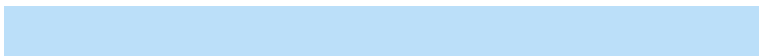
74.4950, 70.2374, 84.4938



69.5022, 70.2374, 57.0501



59.5772, 70.2374, 68.9833



64.0881, 70.2374, 99.8773

Rectangle

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



74.4950, 70.2374, 84.4938



73.8625, 70.2374, 65.6576



59.5772, 70.2374, 68.9833



60.1253, 70.2374, 88.4231

Sweetspot

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



74.4970, 70.2405, 84.4953



90.2953, 91.8047, 103.2642



69.4099, 67.3640, 95.7315



19.1888, 19.4127, 21.9368



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.



74.4970, 70.2405, 84.4953



79.2620, 72.9888, 89.5648



72.0604, 69.2658, 71.6642



16.9127, 16.6479, 19.2867



23.1376, 11.5985, 15.9646



2.0844, 1.0397, 1.6709

Inverse Universe

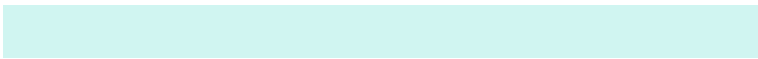
The Inverse Universe completely reimagines the original color for something new.



74.4970, 70.2405, 84.4953



79.2620, 72.9888, 89.5648



74.5891, 85.0852, 95.9474



16.9127, 16.6479, 19.2867



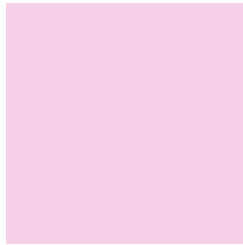
23.1376, 11.5985, 15.9646



2.0844, 1.0397, 1.6709

Previews

White Background



This preview shows how the XYZ color 74.4950, 70.2374, 84.4938 looks on a white background.

Color Contrast Check

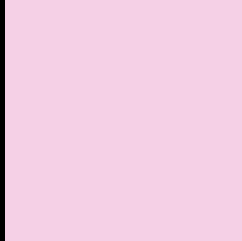
Large Text (above 18pt) WCAG AA × Fail

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 74.4950, 70.2374, 84.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

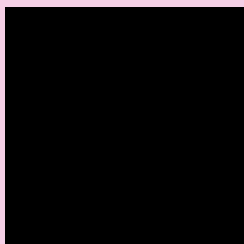
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4950, 70.2374, 84.4938

Background



This preview shows how black text looks on a background with the XYZ color 74.4950, 70.2374, 84.4938.



This preview shows how white text looks on a background with the XYZ color 74.4950, 70.2374,

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

74.4950, 70.2374, 84.4938

Protanopia

68.4235, 70.3756, 88.5748

Deuteranopia

71.9473, 70.4063, 83.9265



Tritanopia

73.6993, 70.2703, 80.9133

Trichromacy



Original Color

74.4950, 70.2374, 84.4938

Protanomaly

70.4331, 70.3072, 86.9492

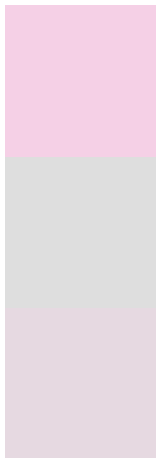
Deuteranomaly

73.0337, 70.5964, 83.9059

Tritanomaly

73.9738, 70.3801, 82.3589

Monochromacy



Original Color

74.4950, 70.2374, 84.4938

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0366, 71.8849, 81.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4950, 70.2374, 84.4938 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, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 230)  
}
```

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, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.4950, 70.2374, 84.4938 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, 208, 230) }
```


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

```
.border{ border-color:rgb(245, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4950, 70.2374, 84.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 230) }
```

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

```
.background{ background-color: rgb(245,  
208, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor