

Converting Colors

XYZ(75.7908, 70.3960, 74.9983)

Have a look what the booklet for
XYZ(75.7908, 70.3960, 74.9983)
contains.

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Color

**XYZ(75.8357, 70.4124,
75.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED9
RGB	255, 206, 217
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1921, 0.1490
CMYK	0.00, 0.19, 0.15, 0.00
HSL	347°, 100%, 90%
HSV	347°, 19%, 100%
XYZ	75.8357, 70.4124, 75.2396
YIQ	221.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

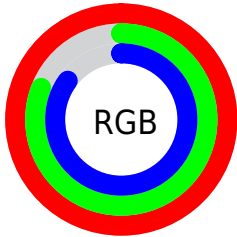
Format	Color
R _Y B	255, 206, 217
Decimal	16764633
CIE Lab	87.20, 18.93, 1.11
CIE LCh	87, 18.958, 3.360
Yxy	70.4124, 0.3424, 0.3179
Android (android.graphics.Color)	4294954713 (0xFFFFCED9)
YUV	221.9050, -2.4182, 29.0243
Hunter-Lab	83.9121, 14.4735, 5.5762

Details

The XYZ color **75.8357, 70.4124, 75.2396** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5452, 91.1746, 99.1032**, and the grayscale version is **69.3694, 72.9821, 79.4775**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0385, 37.0709, 39.1748** is the 20% darker color. If you saturate the color by 10%, you get **67.7674, 58.1488, 60.6102**, and if you desaturate by 10%, it is **85.2115, 84.7971, 91.8277**.

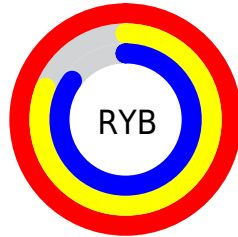
Distribution



Red (100%)

Green (81%)

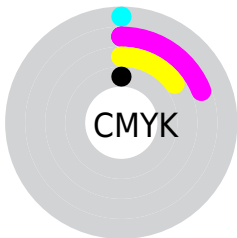
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

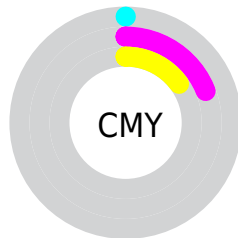


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8357, 70.4124, 75.2396 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 75.8357, 70.4124, 75.2396 by changing the saturation by 10% instead.


 75.8357, 70.4124,
75.2396

 75.8357, 70.4124,
75.2396


469.7381,
461.9967, 498.0181

 56.5944, 51.8628,
55.3063


126.4762,
119.7967, 128.4017

 40.9185, 36.8957,
39.2467

158.6061,
151.4002, 162.4675

 28.4428, 25.1268,
26.6424


195.7630,
188.1237, 202.0813

 18.8019, 16.1715,
17.0748

238.3120,
230.3518, 247.6616

 11.6304, 9.6456,
10.1253

286.6187,
278.4687, 299.6268

 6.5629, 5.1646,
5.3754

341.0484,

 3.2342, 2.3442,

332.8589, 358.3956

2.4066

401.9664,
393.9068, 424.3865

■ 1.2788, 0.7969,
0.7900

■ 0.1672, 0.0000,
0.0000

■ 75.8357, 70.4124,
75.2396

■ 75.8357, 70.4124,
75.2396

■ 67.7674, 58.1488,
60.6102

■ 85.2115, 84.7971,
91.8277

■ 60.9428, 47.8969,
47.8619

95.0500, 100.0000,
108.9000

■ 55.3002, 39.5515,
36.9184

■ 50.7706, 32.9937,
27.6964

■ 47.2773, 28.0917,
20.1058

■ 44.7340, 24.6950,
14.0479

■ 43.0390, 22.6254,
9.4123

■ 42.0456, 21.6171,
6.0647

■ 41.9842, 21.5577,
5.8489

Harmonies

Analogous

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



74.8685, 70.4124, 88.1886



75.8357, 70.4124, 75.2396



74.3293, 70.4124, 63.9651

Triad

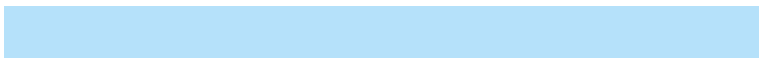
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8357, 70.4124, 75.2396



62.3288, 70.4124, 57.9662



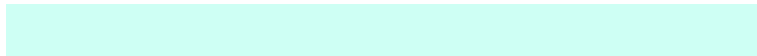
63.1610, 70.4124, 100.7245

Complementary

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



75.8357, 70.4124, 75.2396



77.5452, 91.1746, 99.1032

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.



60.0293, 70.4124, 90.9483



75.8357, 70.4124, 75.2396



59.5640, 70.4124, 66.1956

Square

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



75.8357, 70.4124, 75.2396



66.4245, 70.4124, 54.7127



58.7409, 70.4124, 78.1126



67.4277, 70.4124, 103.8259

Rectangle

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



75.8357, 70.4124, 75.2396



72.1625, 70.4124, 58.6363



58.7409, 70.4124, 78.1126



61.9470, 70.4124, 98.0603

Sweetspot

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



75.8374, 70.4154, 75.2411



88.5097, 89.8828, 97.5840



77.2813, 70.5215, 104.1466



18.7988, 19.0134, 20.6329



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

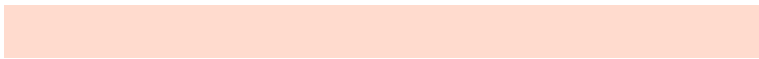
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8374, 70.4154, 75.2411



72.6311, 65.5268, 69.4745



77.7314, 76.4167, 69.0495



18.1763, 18.0538, 19.5454



21.9834, 11.2826, 3.2970



2.1795, 1.1142, 0.5266

Inverse Universe

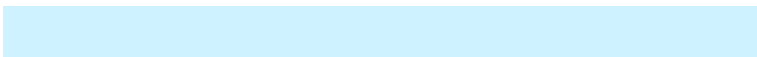
The Inverse Universe completely reimagines the original color for something new.



75.8374, 70.4154, 75.2411



72.6311, 65.5268, 69.4745



75.2381, 83.8083, 106.8189



18.1763, 18.0538, 19.5454



21.9834, 11.2826, 3.2970



2.1795, 1.1142, 0.5266

Previews

White Background



This preview shows how the XYZ color 75.8357, 70.4124, 75.2396 looks on a white background.

Color Contrast Check

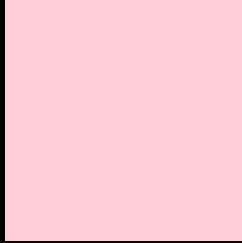
Large Text (above 18pt) WCAG AA × Fail

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 75.8357, 70.4124, 75.2396 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 75.8357, 70.4124, 75.2396

Background



This preview shows how black text looks on a background with the XYZ color 75.8357, 70.4124, 75.2396.



This preview shows how white text looks on a background with the XYZ color 75.8357, 70.4124,

75.2396.

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

75.8357, 70.4124, 75.2396

Protanopia

68.3447, 70.8968, 80.6033

Deuteranopia

72.2138, 70.7456, 74.8149



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

75.8357, 70.4124, 75.2396

Protanomaly

70.7020, 70.6372, 78.3146

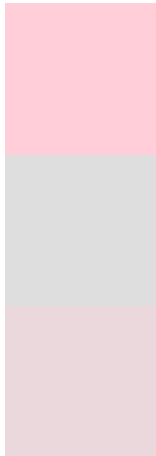
Deuteranomaly

73.4473, 70.6439, 74.7303

Tritanomaly

76.2296, 70.5699, 77.3138

Monochromacy



Original Color

75.8357, 70.4124, 75.2396

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.4058, 71.7715, 77.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8357, 70.4124, 75.2396 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(255, 206, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 217)  
}
```

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(255, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.8357, 70.4124, 75.2396 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(255, 206, 217) }
```


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

```
.border{ border-color:rgb(255, 206, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8357, 70.4124, 75.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 217) }
```

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

```
.background{ background-color: rgb(255,  
206, 217) }
```

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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