

Converting Colors

XYZ(75.2640, 74.5107, 76.6570)

Have a look what the booklet for
XYZ(75.2640, 74.5107, 76.6570)
contains.

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Color

**XYZ(75.3825, 74.6172,
76.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DADA
RGB	245, 218, 218
RGB Percent	96%, 85%, 85%
CMY	0.0392, 0.1451, 0.1451
CMYK	0.00, 0.11, 0.11, 0.04
HSL	0°, 57%, 91%
HSV	0°, 11%, 96%
XYZ	75.3825, 74.6172, 76.7591
YIQ	226.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

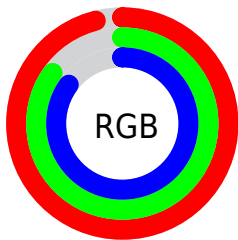
Format	Color
R _Y B	245, 218, 218
Decimal	16112346
CIE Lab	89.21, 9.32, 3.40
CIE LCh	89, 9.918, 20.063
Yxy	74.6172, 0.3324, 0.3291
Android (android.graphics.Color)	4294302426 (0xFFF5DADA)
YUV	226.0730, -3.9800, 16.5990
Hunter-Lab	86.3812, 4.6048, 7.7813

Details

The XYZ color **75.3825, 74.6172, 76.7591** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0470, 86.8013, 99.0280**, and the grayscale version is **72.3630, 76.1315, 82.9072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6943, 39.6575, 40.1602** is the 20% darker color. If you saturate the color by 10%, you get **66.5211, 61.6509, 59.1396**, and if you desaturate by 10%, it is **85.6608, 89.6572, 97.1907**.

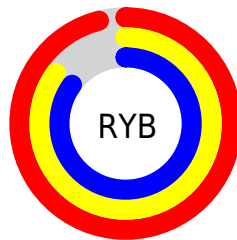
Distribution



Red (96%)

Green (85%)

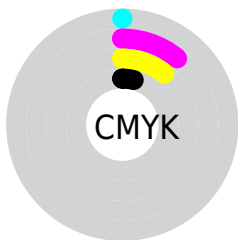
Blue (85%)



Red (96%)

Yellow (85%)

Blue (85%)

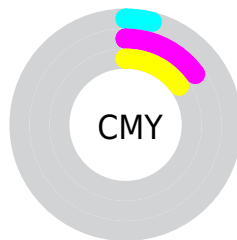


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3825, 74.6172, 76.7591 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 75.3825, 74.6172, 76.7591 by changing the saturation by 10% instead.


 75.3825, 74.6172,
76.7591

 75.3825, 74.6172,
76.7591


468.2082,
476.6008, 503.3581

 56.2216, 55.2993,
56.5448


125.8387,
125.7703, 130.5693

 40.6183, 39.6414,
40.2330

157.8646,
158.3744, 165.0022

 28.2073, 27.2591,
27.4051


194.9097,
196.1760, 205.0118

 18.6232, 17.7679,
17.6425


237.3391,
239.5596, 251.0166

 11.5007, 10.7835,
10.5269

285.5183,
288.9094, 303.4350

 6.4745, 5.9214,
5.6395

339.8127,

 3.1791, 2.7974,

344.6100, 362.6858

2.5619

400.5875,
407.0456, 429.1873

■ 1.2491, 1.0269,
0.8727

■ 0.1447, 0.0000,
0.0000

■ 75.3825, 74.6172,
76.7591

■ 75.3825, 74.6172,
76.7591

■ 66.5211, 61.6509,
59.1396

■ 85.6608, 89.6572,
97.1907

■ 59.0086, 50.6582,
44.2046

■ 91.4666, 98.1527,
108.7323

■ 52.7808, 41.5451,
31.8240

■ 47.7658, 34.2067,
21.8546

■ 43.8846, 28.5273,
14.1396

■ 41.0490, 24.3777,
8.5032

■ 39.1576, 21.6097,
4.7441

■ 38.0890, 20.0458,
2.6208

■ 37.6570, 19.4135,
1.7624

Harmonies

Analogous

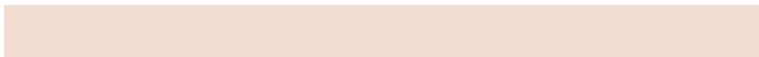
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6041, 74.6172, 83.5668



75.3825, 74.6172, 76.7591



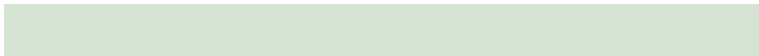
73.9505, 74.6172, 71.4501

Triad

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



75.3825, 74.6172, 76.7591



67.4132, 74.6172, 72.9876



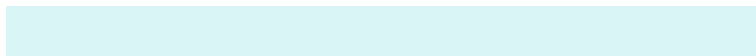
70.1215, 74.6172, 95.0911

Complementary

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



75.3825, 74.6172, 76.7591



78.0470, 86.8013, 99.0280

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.



67.9761, 74.6172, 91.8975



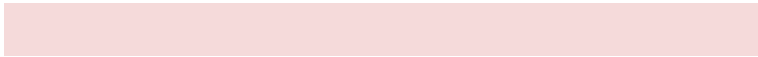
75.3825, 74.6172, 76.7591



66.4362, 74.6172, 78.9675

Square

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



75.3825, 74.6172, 76.7591



69.3371, 74.6172, 69.3600



66.6399, 74.6172, 85.9033



72.5297, 74.6172, 94.4166

Rectangle

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



75.3825, 74.6172, 76.7591



72.5199, 74.6172, 69.3509



66.6399, 74.6172, 85.9033



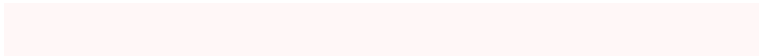
69.3466, 74.6172, 94.4277

Sweetspot

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



75.3846, 74.6205, 76.7607



91.4508, 94.7336, 101.7446



79.2100, 76.1489, 96.9106



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

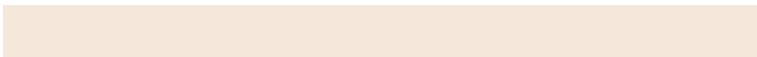
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3846, 74.6205, 76.7607



80.4875, 78.6916, 79.9487



79.0281, 81.9076, 77.9752



16.4994, 16.4829, 17.1095



20.2865, 10.4585, 0.9495



1.7831, 0.9193, 0.0835

Inverse Universe

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



78.0470, 86.8013, 99.0280



83.8866, 94.2426, 108.3771



74.1119, 78.9312, 97.7163



16.9965, 18.7574, 21.2673



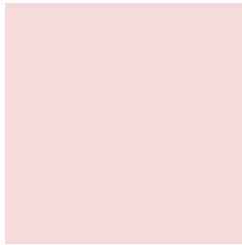
26.4632, 38.7203, 52.6170



2.3259, 3.4033, 4.6245

Previews

White Background



This preview shows how the XYZ color 75.3825, 74.6172, 76.7591 looks on a white background.

Color Contrast Check

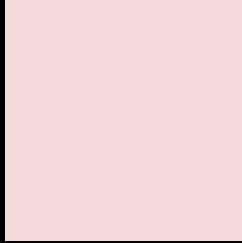
Large Text (above 18pt) WCAG AA × Fail

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 75.3825, 74.6172, 76.7591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

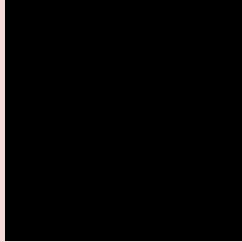
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

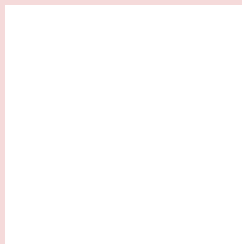
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3825, 74.6172, 76.7591

Background



This preview shows how black text looks on a background with the XYZ color 75.3825, 74.6172, 76.7591.

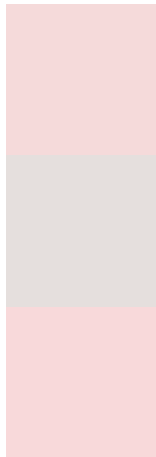


This preview shows how white text looks on a background with the XYZ color 75.3825, 74.6172,

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

75.3825, 74.6172, 76.7591

Protanopia

71.7519, 74.6538, 79.0345

Deuteranopia

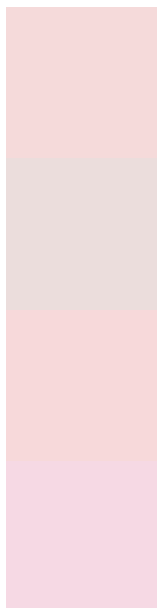
76.1791, 74.6441, 76.7223



Tritanopia

77.6216, 74.7691, 87.4316

Trichromacy



Original Color

75.3825, 74.6172, 76.7591

Protanomaly

73.0357, 74.5424, 78.2489

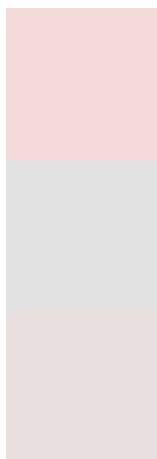
Deuteranomaly

75.8255, 74.4618, 76.7058

Tritanomaly

76.8225, 74.8200, 83.7915

Monochromacy



Original Color

75.3825, 74.6172, 76.7591

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3112, 75.4267, 80.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3825, 74.6172, 76.7591 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, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 218)  
}
```

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, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.3825, 74.6172, 76.7591 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, 218, 218) }
```


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

```
.border{ border-color:rgb(245, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3825, 74.6172, 76.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 218) }
```

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

```
.background{ background-color: rgb(245,  
218, 218) }
```

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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