

Converting Colors

XYZ(74.5527, 75.1300, 78.6498)

Have a look what the booklet for
XYZ(74.5527, 75.1300, 78.6498)
contains.

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Color

**XYZ(74.8428, 75.4586,
79.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DDDD
RGB	240, 221, 221
RGB Percent	94%, 87%, 87%
CMY	0.0588, 0.1333, 0.1333
CMYK	0.00, 0.08, 0.08, 0.06
HSL	0°, 39%, 90%
HSV	0°, 8%, 94%
XYZ	74.8428, 75.4586, 79.0269
YIQ	226.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

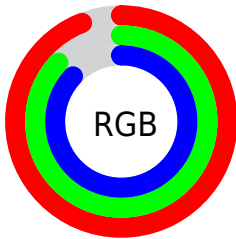
Format	Color
R _Y B	240, 221, 221
Decimal	15785437
CIE Lab	89.61, 6.51, 2.35
CIE LCh	90, 6.920, 19.813
Yxy	75.4586, 0.3264, 0.3290
Android (android.graphics.Color)	4293975517 (0xFFFF0DDDD)
YUV	226.6810, -2.8007, 11.6808
Hunter-Lab	86.8669, 1.7750, 6.8679

Details

The XYZ color **74.8428, 75.4586, 79.0269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7069, 83.9823, 94.6064**, and the grayscale version is **72.7977, 76.5888, 83.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2863, 40.2160, 41.7155** is the 20% darker color. If you saturate the color by 10%, you get **65.9825, 62.4941, 61.4091**, and if you desaturate by 10%, it is **85.0699, 90.4233, 99.3573**.

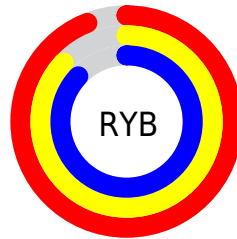
Distribution



Red (94%)

Green (87%)

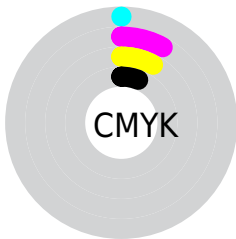
Blue (87%)



Red (94%)

Yellow (87%)

Blue (87%)

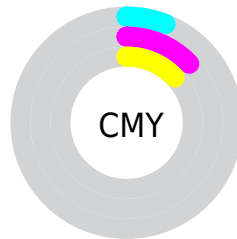


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8428, 75.4586, 79.0269 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 74.8428, 75.4586, 79.0269 by changing the saturation by 10% instead.

74.8428, 75.4586,
79.0269

74.8428, 75.4586,
79.0269

466.3826,
479.4924, 511.2674

55.7778, 55.9887,
58.3965

125.0789,
126.9613, 133.7957

40.2611, 40.1938,
41.7107

156.9808,
159.7629, 168.7712

27.9273, 27.6897,
28.5509

193.8923,
197.7772, 209.3655

18.4111, 18.0919,
18.4987

236.1789,
241.3885, 255.9971

11.3470, 11.0160,
11.1355

284.2058,
290.9813, 309.0845

6.3697, 6.0776,
6.0427

338.3385,

3.1140, 2.8923,

346.9399, 369.0464

2.8019

398.9423,
409.6488, 436.3011

■ 1.2143, 1.0758,
0.9944

■ 0.1176, 0.0000,
0.0000

■ 74.8428, 75.4586,
79.0269

■ 74.8428, 75.4586,
79.0269

■ 65.9825, 62.4941,
61.4091

■ 85.0699, 90.4233,
99.3573

■ 58.4252, 51.4359,
46.3846

■ 89.7456, 97.2655,
108.6518

■ 52.1113, 42.1970,
33.8325

■ 46.9743, 34.6800,
23.6205

■ 42.9413, 28.7785,
15.6037

■ 39.9316, 24.3741,
9.6214

■ 37.8532, 21.3325,
5.4907

■ 36.5979, 19.4952,
2.9965

■ 36.0179, 18.6461,
1.8443

Harmonies

Analogous

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



74.9891, 75.4586, 83.8295



74.8428, 75.4586, 79.0269



73.8527, 75.4586, 75.2106

Triad

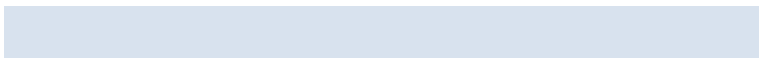
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8428, 75.4586, 79.0269



69.2511, 75.4586, 76.2636



71.1442, 75.4586, 91.7313

Complementary

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



74.8428, 75.4586, 79.0269



76.7069, 83.9823, 94.6064

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.



69.6310, 75.4586, 89.5282



74.8428, 75.4586, 79.0269



68.5495, 75.4586, 80.5159

Square

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



74.8428, 75.4586, 79.0269



70.6181, 75.4586, 73.6594



68.6875, 75.4586, 85.3781



72.8356, 75.4586, 91.2940

Rectangle

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



74.8428, 75.4586, 79.0269



72.8558, 75.4586, 73.6788



68.6875, 75.4586, 85.3781



70.5983, 75.4586, 91.2717

Sweetspot

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



74.8449, 75.4619, 79.0285



92.6345, 96.4656, 104.0977



77.5209, 76.5305, 93.1252



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

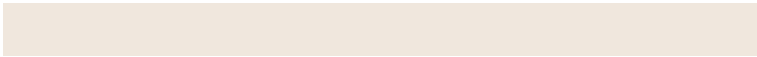
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8449, 75.4619, 79.0285



84.6847, 84.8332, 88.2923



77.4235, 80.6192, 79.8881



15.7731, 15.7594, 16.3603



19.6719, 10.1419, 0.9208



1.6366, 0.8439, 0.0766

Inverse Universe

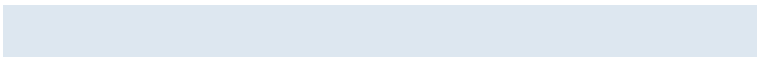
The Inverse Universe completely reimagines the original color for something new.



76.7069, 83.9823, 94.6064



87.1034, 95.9010, 108.5276



73.9842, 78.5369, 93.6989



16.2471, 17.9284, 20.3258



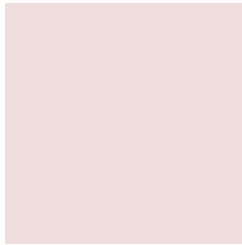
25.6591, 37.5424, 51.0219



2.1347, 3.1234, 4.2446

Previews

White Background



This preview shows how the XYZ color 74.8428, 75.4586, 79.0269 looks on a white background.

Color Contrast Check

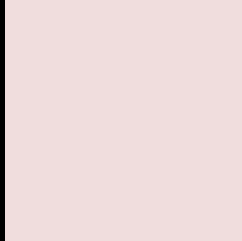
Large Text (above 18pt) WCAG AA × Fail

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 74.8428, 75.4586, 79.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

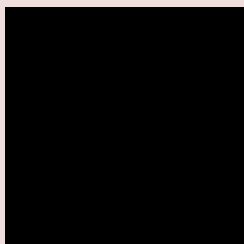
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

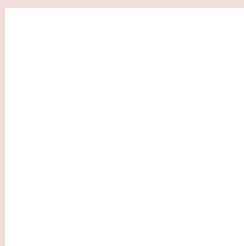
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8428, 75.4586, 79.0269

Background



This preview shows how black text looks on a background with the XYZ color 74.8428, 75.4586, 79.0269.

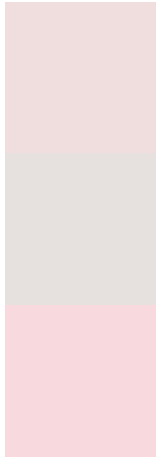


This preview shows how white text looks on a background with the XYZ color 74.8428, 75.4586,

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

74.8428, 75.4586, 79.0269

Protanopia

72.6081, 75.4620, 80.5508

Deuteranopia

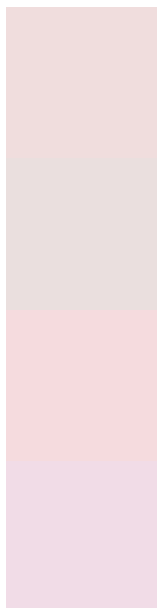
76.9676, 75.3732, 79.5991



Tritanopia

77.0898, 75.5964, 89.8854

Trichromacy



Original Color

74.8428, 75.4586, 79.0269

Protanomaly

73.5042, 75.5417, 79.8142

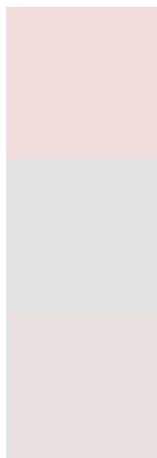
Deuteranomaly

76.1725, 75.3494, 79.6364

Tritanomaly

76.2926, 75.6567, 86.1835

Monochromacy



Original Color

74.8428, 75.4586, 79.0269

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7945, 76.4425, 82.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8428, 75.4586, 79.0269 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(240, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 221)  
}
```

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(240, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.8428, 75.4586, 79.0269 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(240, 221, 221) }
```


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

```
.border{ border-color:rgb(240, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8428, 75.4586, 79.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 221) }
```

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

```
.background{ background-color: rgb(240,  
221, 221) }
```

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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