

# Converting Colors

XYZ(74.4320, 74.0792, 81.1047)

Have a look what the booklet for  
XYZ(74.4320, 74.0792, 81.1047)  
contains.

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# Color

**XYZ(74.4611, 74.0499,  
80.8895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0DAE0
RGB	240, 218, 224
RGB Percent	94%, 85%, 88%
CMY	0.0588, 0.1451, 0.1216
CMYK	0.00, 0.09, 0.07, 0.06
HSL	344°, 42%, 90%
HSV	344°, 9%, 94%
XYZ	74.4611, 74.0499, 80.8895
YIQ	225.2620, 11.1860, 6.5300

# Conversions

## Conversions Part 2

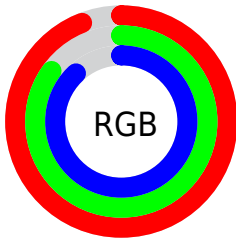
Format	Color
R <sub>Y</sub> B	240, 218, 224
Decimal	15784672
CIE Lab	88.95, 8.57, -0.20
CIE LCh	89, 8.577, 358.693
Yxy	74.0499, 0.3246, 0.3228
Android (android.graphics.Color)	4293974752 (0xFFFF0DAE0)
YUV	225.2620, -0.6222, 12.9252
Hunter-Lab	86.0523, 3.8648, 4.5037

# Details

The XYZ color **74.4611, 74.0499, 80.8895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9276, 83.1680, 89.9499**, and the grayscale version is **71.7569, 75.4939, 82.2128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0258, 39.2493, 43.0024** is the 20% darker color. If you saturate the color by 10%, you get **66.4353, 61.5942, 67.1266**, and if you desaturate by 10%, it is **83.6353, 88.4116, 96.2364**.

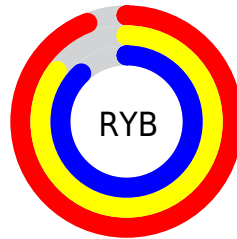
# Distribution



Red (94%)

Green (85%)

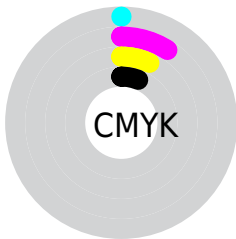
Blue (88%)



Red (94%)

Yellow (85%)

Blue (88%)

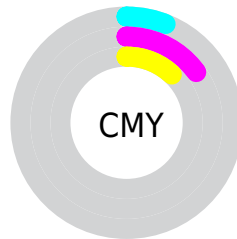


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (15%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4611, 74.0499, 80.8895 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 74.4611, 74.0499, 80.8895 by changing the saturation by 10% instead.




 74.4611, 74.0499,  
80.8895

 74.4611, 74.0499,  
80.8895


465.0890,  
474.6456, 517.7111

 55.4641, 54.8349,  
59.9201


124.5412,  
124.9665, 136.4383

 40.0088, 39.2695,  
42.9294


156.3551,  
157.4370, 171.8548

 27.7296, 26.9695,  
29.4987


193.1720,  
195.0946, 212.9240

 18.2613, 17.5503,  
19.2096

235.3572,  
238.3239, 260.0646

 11.2386, 10.6276,  
11.6435

283.2762,  
287.5093, 313.6951

 6.2960, 5.8170,  
6.3818

337.2943,

 3.0683, 2.7341,

343.0351, 374.2340

3.0061

397.7767,  
405.2857, 442.0998

■ 1.1900, 0.9946,  
1.0978

■ 0.0984, 0.0000,  
0.0000

■ 74.4611, 74.0499,  
80.8895

■ 74.4611, 74.0499,  
80.8895

■ 66.4353, 61.5942,  
67.1266

■ 83.6353, 88.4116,  
96.2364

■ 59.5059, 50.9548,  
54.8918

■ 89.7456, 97.2655,  
108.6518

■ 53.6259, 42.0492,  
44.1324

■ 48.7426, 34.7846,  
34.7911

■ 44.7984, 29.0597,  
26.8066

■ 41.7297, 24.7617,  
20.1129

■ 39.4645, 21.7624,  
14.6379

■ 37.9186, 19.9099,  
10.3015

■ 36.9668, 18.9728,  
7.0051

# Harmonies

## Analogous

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



73.8586, 74.0499, 86.7336



74.4611, 74.0499, 80.8895



73.9529, 74.0499, 75.2470

# Triad

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



74.4611, 74.0499, 80.8895



68.4774, 74.0499, 70.9822



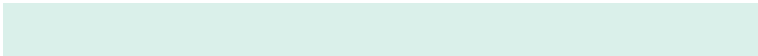
68.3223, 74.0499, 90.8264

# Complementary

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



74.4611, 74.0499, 80.8895



74.9276, 83.1680, 89.9499

# Split Complementary

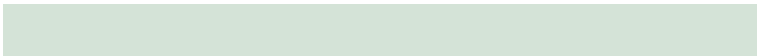
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9283, 74.0499, 86.2590



74.4611, 74.0499, 80.8895



67.0167, 74.0499, 74.8154

# Square

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



74.4611, 74.0499, 80.8895



70.4735, 74.0499, 69.6994



66.4551, 74.0499, 80.3666



70.2910, 74.0499, 92.6425



# Rectangle

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



74.4611, 74.0499, 80.8895



73.0581, 74.0499, 72.3177



66.4551, 74.0499, 80.3666



67.7724, 74.0499, 89.5512

# Sweetspot

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



74.4632, 74.0531, 80.8911



91.7748, 94.8626, 103.4522



74.6572, 73.8905, 92.7664



19.4606, 20.0180, 21.8375



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.



74.4632, 74.0531, 80.8911



83.6325, 82.1457, 89.7395



74.9178, 76.2410, 77.1010



15.9498, 15.8296, 17.2918



20.2482, 10.3717, 3.9577



1.7248, 0.8790, 0.5417



# Inverse Universe

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



74.4632, 74.0531, 80.8911



83.6325, 82.1457, 89.7395



74.4193, 80.7492, 94.1028



15.9498, 15.8296, 17.2918



20.2482, 10.3717, 3.9577

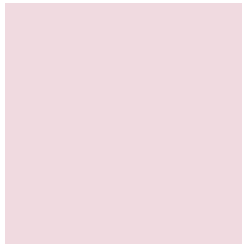


1.7248, 0.8790, 0.5417



# Previews

## White Background



This preview shows how the XYZ color 74.4611, 74.0499, 80.8895 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

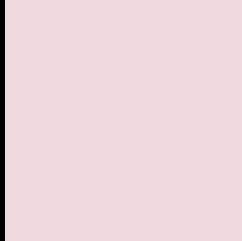
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4611, 74.0499, 80.8895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

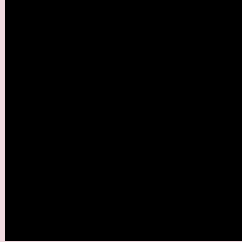
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.4611, 74.0499, 80.8895**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4611, 74.0499, 80.8895.



This preview shows how white text looks on a background with the XYZ color 74.4611, 74.0499,



# 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

74.4611, 74.0499, 80.8895

### Protanopia

71.2128, 73.9023, 82.4628

### Deuteranopia

75.3186, 73.7266, 80.7820



## Tritanopia

75.7965, 74.2097, 87.4198

# Trichromacy



## Original Color

74.4611, 74.0499, 80.8895

## Protanomaly

72.4021, 74.1381, 81.7282

## Deuteranomaly

75.2295, 74.0622, 80.8514

## Tritanomaly

75.3714, 74.0397, 85.1815

# Monochromacy



## Original Color

74.4611, 74.0499, 80.8895

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.3450, 74.5018, 81.8015

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4611, 74.0499, 80.8895 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, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 224)  
}
```

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, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4611, 74.0499, 80.8895 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, 218, 224) }
```



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

```
.border{ border-color:rgb(240, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4611, 74.0499, 80.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 224) }
```

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

```
.background{ background-color: rgb(240,  
218, 224) }
```

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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