

Converting Colors

XYZ(73.8723, 72.9892, 80.2794)

Have a look what the booklet for
XYZ(73.8723, 72.9892, 80.2794)
contains.

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Color

**XYZ(73.8103, 72.9647,
80.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8DF
RGB	240, 216, 223
RGB Percent	94%, 85%, 87%
CMY	0.0588, 0.1529, 0.1255
CMYK	0.00, 0.10, 0.07, 0.06
HSL	343°, 44%, 89%
HSV	343°, 10%, 94%
XYZ	73.8103, 72.9647, 80.0054
YIQ	223.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

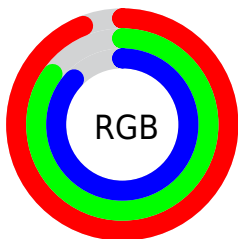
Format	Color
R _Y B	240, 216, 223
Decimal	15784159
CIE Lab	88.43, 9.45, -0.42
CIE LCh	88, 9.458, 357.446
Yxy	72.9647, 0.3255, 0.3217
Android (android.graphics.Color)	4293974239 (0xFFFF0D8DF)
YUV	223.9740, -0.4802, 14.0548
Hunter-Lab	85.4194, 4.7567, 4.2614

Details

The XYZ color **73.8103, 72.9647, 80.0054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1897, 82.8041, 89.1674**, and the grayscale version is **70.8320, 74.5208, 81.1531**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5799, 38.5072, 42.3923** is the 20% darker color. If you saturate the color by 10%, you get **65.9268, 60.6833, 66.6299**, and if you desaturate by 10%, it is **82.8262, 87.1406, 94.8959**.

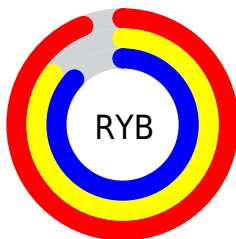
Distribution



Red (94%)

Green (85%)

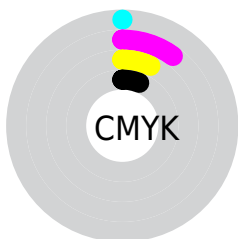
Blue (87%)



Red (94%)

Yellow (85%)

Blue (87%)

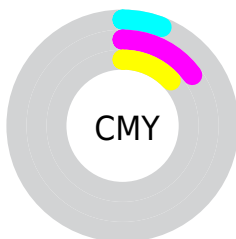


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8103, 72.9647, 80.0054 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 73.8103, 72.9647, 80.0054 by changing the saturation by 10% instead.


 73.8103, 72.9647,
80.0054

 73.8103, 72.9647,
80.0054


462.8788,
470.8925, 514.6583

 54.9295, 53.9471,
59.1966


123.6238,
123.4271, 135.1848

 39.5789, 38.5594,
42.3504


155.2872,
155.6407, 170.3925

 27.3931, 26.4171,
29.0481


191.9423,
193.0217, 211.2368

 18.0068, 17.1359,
18.8713


233.9543,
235.9546, 258.1365

 11.0546, 10.3315,
11.4015

281.6885,
284.8237, 311.5099

 6.1711, 5.6193,
6.2200

335.5105,

 2.9911, 2.6150,

340.0135, 371.7756

2.9084

395.7855,
401.9083, 439.3523

■ 1.1490, 0.9342,
1.0480

■ 0.0656, 0.0000,
0.0000

■ 73.8103, 72.9647,
80.0054

■ 73.8103, 72.9647,
80.0054

■ 65.9268, 60.6833,
66.6299

■ 82.8262, 87.1406,
94.8959

■ 59.1240, 50.2067,
54.7163

■ 89.7456, 97.2655,
108.6518

■ 53.3553, 41.4519,
44.2149

■ 48.5682, 34.3259,
35.0715

■ 44.7054, 28.7267,
27.2283

■ 41.7034, 24.5409,
20.6228

■ 39.4904, 21.6389,
15.1869

■ 37.9817, 19.8667,
10.8449

■ 37.0403, 18.9674,
7.4990

Harmonies

Analogous

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



73.1011, 72.9647, 86.3753



73.8103, 72.9647, 80.0054



73.3031, 72.9647, 73.8142

Triad

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



73.8103, 72.9647, 80.0054



67.3553, 72.9647, 68.8454



67.0249, 72.9647, 90.4731

Complementary

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



73.8103, 72.9647, 80.0054



74.1897, 82.8041, 89.1674

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.



65.5431, 72.9647, 85.3575



73.8103, 72.9647, 80.0054



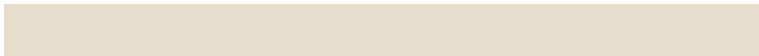
65.7309, 72.9647, 72.8979

Square

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



73.8103, 72.9647, 80.0054



69.5458, 72.9647, 67.5836



65.0746, 72.9647, 78.8895



69.1561, 72.9647, 92.6214

Rectangle

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



73.8103, 72.9647, 80.0054



72.3494, 72.9647, 70.5758



65.0746, 72.9647, 78.8895



66.4361, 72.9647, 89.0302

Sweetspot

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



73.8124, 72.9679, 80.0070



91.7975, 94.8716, 103.5717



73.8255, 72.6964, 92.5797



19.4667, 20.0204, 21.8696



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.



73.8124, 72.9679, 80.0070



82.7572, 80.6882, 88.5443



74.1359, 75.0935, 75.5567



15.9623, 15.8346, 17.3579



20.3263, 10.4029, 4.3688



1.7327, 0.8821, 0.5832

Inverse Universe

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



73.8124, 72.9679, 80.0070



82.7572, 80.6882, 88.5443



73.8151, 80.4235, 94.0718



15.9623, 15.8346, 17.3579



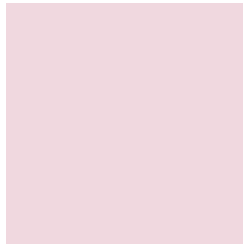
20.3263, 10.4029, 4.3688



1.7327, 0.8821, 0.5832

Previews

White Background



This preview shows how the XYZ color 73.8103, 72.9647, 80.0054 looks on a white background.

Color Contrast Check

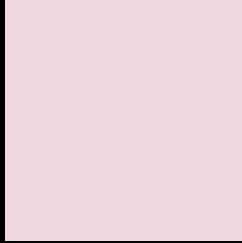
Large Text (above 18pt) WCAG AA × Fail

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 73.8103, 72.9647, 80.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

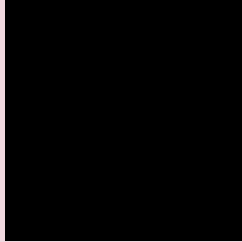
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8103, 72.9647, 80.0054

Background



This preview shows how black text looks on a background with the XYZ color 73.8103, 72.9647, 80.0054.



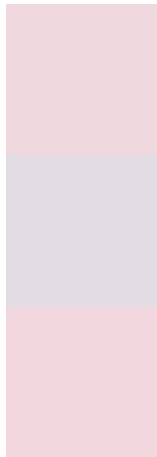
This preview shows how white text looks on a background with the XYZ color 73.8103, 72.9647,

80.0054.

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

73.8103, 72.9647, 80.0054

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

74.5819, 72.9833, 79.9683



Tritanopia

74.9999, 73.0712, 85.7525

Trichromacy



Original Color

73.8103, 72.9647, 80.0054

Protanomaly

71.5553, 72.9223, 81.5382

Deuteranomaly

74.2377, 72.8058, 79.9522

Tritanomaly

74.5797, 72.9031, 83.5397

Monochromacy



Original Color

73.8103, 72.9647, 80.0054

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9441, 73.9177, 80.9967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8103, 72.9647, 80.0054 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, 216, 223) looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 223)  
}
```

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, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.8103, 72.9647, 80.0054 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, 216, 223) }
```


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

```
.border{ border-color:rgb(240, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8103, 72.9647, 80.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 223) }
```

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

```
.background{ background-color: rgb(240,  
216, 223) }
```

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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