

Converting Colors

XYZ(76.2873, 74.2989, 92.0059)

Have a look what the booklet for
XYZ(76.2873, 74.2989, 92.0059)
contains.

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Color

**XYZ(76.3280, 74.3830,
91.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9EF
RGB	240, 217, 239
RGB Percent	94%, 85%, 94%
CMY	0.0588, 0.1490, 0.0627
CMYK	0.00, 0.10, 0.00, 0.06
HSL	303°, 43%, 90%
HSV	303°, 10%, 94%
XYZ	76.3280, 74.3830, 91.9958
YIQ	226.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

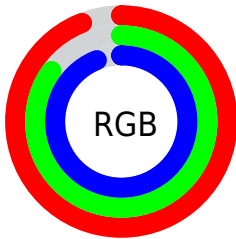
Format	Color
R _Y B	240, 217, 239
Decimal	15784431
CIE Lab	89.10, 11.72, -7.86
CIE LCh	89, 14.111, 326.141
Yxy	74.3830, 0.3145, 0.3065
Android (android.graphics.Color)	4293974511 (0xFFFF0D9EF)
YUV	226.3850, 6.2192, 11.9404
Hunter-Lab	86.2456, 7.0441, -2.8711

Details

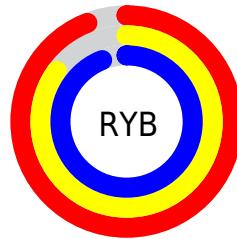
The XYZ color **76.3280, 74.3830, 91.9958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4331, 82.1358, 78.3697**, and the grayscale version is **72.5222, 76.2990, 83.0896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2347, 39.4499, 50.2410** is the 20% darker color. If you saturate the color by 10%, you get **70.4333, 62.8384, 89.2732**, and if you desaturate by 10%, it is **83.1275, 87.7335, 95.0262**.

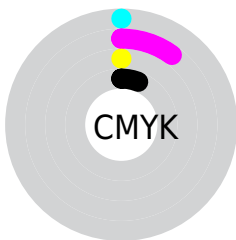
Distribution



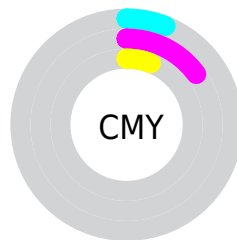
- Red (94%)
- Green (85%)
- Blue (94%)



- Red (94%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3280, 74.3830, 91.9958 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 76.3280, 74.3830, 91.9958 by changing the saturation by 10% instead.


 76.3280, 74.3830,
91.9958

 76.3280, 74.3830,
91.9958


471.3969,
475.7942, 555.2387

 56.9995, 55.1076,
69.0541


127.1683,
125.4386, 152.0672

 41.2450, 39.4879,
50.2838


159.4109,
157.9875, 190.0340

 28.6991, 27.1395,
35.2662


196.6888,
195.7298, 233.8463

 18.9964, 17.6780,
23.5828

239.3675,
239.0497, 283.9226

 11.7717, 10.7190,
14.8151

287.8123,
288.3317, 340.6815

 6.6595, 5.8782,
8.5445

342.3886,

 3.2945, 2.7712,

343.9602, 404.5414

4.3526

403.4617,
406.3196, 475.9210

■ 1.3114, 1.0135,
1.8207

■ 0.1917, 0.0000,
0.4416

■ 76.3280, 74.3830,
91.9958

■ 76.3280, 74.3830,
91.9958

■ 70.4333, 62.8384,
89.2732

■ 83.1275, 87.7335,
95.0262

■ 65.3981, 53.0129,
86.8407

■ 87.5861, 96.4017,
97.2797

■ 61.1834, 44.8265,
84.6860

■ 87.7426, 96.4643,
98.1036

■ 57.7440, 38.1897,
82.7941

■ 87.8999, 96.5272,
98.9322

55.0310, 33.0039,
81.1487

88.0582, 96.5905,
99.7656

52.9893, 29.1596,
79.7314

88.2173, 96.6542,
100.6036

51.5565, 26.5315,
78.5215

88.3774, 96.7182,
101.4464

50.6581, 24.9709,
77.4940

88.5383, 96.7826,
102.2940

50.1746, 24.2385,
76.6091

88.7002, 96.8473,
103.1463

Harmonies

Analogous

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



73.6496, 74.3830, 99.1904



76.3280, 74.3830, 91.9958



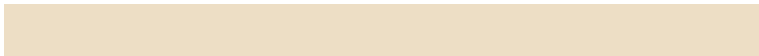
77.4972, 74.3830, 82.2704

Triad

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



76.3280, 74.3830, 91.9958



71.1443, 74.3830, 63.5417



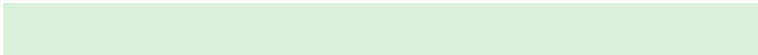
64.9324, 74.3830, 89.6157

Complementary

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



76.3280, 74.3830, 91.9958



72.4331, 82.1358, 78.3697

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.



64.3101, 74.3830, 79.7238



76.3280, 74.3830, 91.9958



67.8279, 74.3830, 65.1652

Square

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



76.3280, 74.3830, 91.9958



74.4438, 74.3830, 66.2729



65.3534, 74.3830, 70.8998



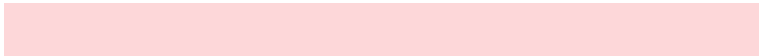
67.0816, 74.3830, 97.7400

Rectangle

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



76.3280, 74.3830, 91.9958



77.2366, 74.3830, 75.8435



65.3534, 74.3830, 70.8998



64.5408, 74.3830, 86.3651

Sweetspot

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



76.3302, 74.3862, 91.9974



92.6044, 95.1944, 107.8208



69.3881, 70.7903, 92.4459



19.6847, 20.1076, 23.0175



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.



76.3302, 74.3862, 91.9974



86.5496, 83.3125, 105.1008



74.7171, 73.7410, 83.5029



16.4228, 16.0188, 19.7829



27.4700, 13.2604, 41.9872



2.2944, 1.1068, 3.5411

Inverse Universe

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



76.3302, 74.3862, 91.9974



86.5496, 83.3125, 105.1008



73.9581, 82.7458, 86.4001



16.4228, 16.0188, 19.7829



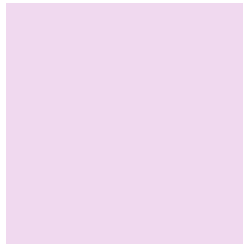
27.4700, 13.2604, 41.9872



2.2944, 1.1068, 3.5411

Previews

White Background



This preview shows how the XYZ color 76.3280, 74.3830, 91.9958 looks on a white background.

Color Contrast Check

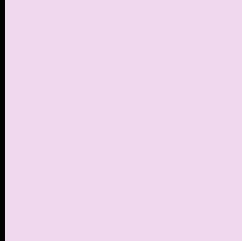
Large Text (above 18pt) WCAG AA × Fail

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 76.3280, 74.3830, 91.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

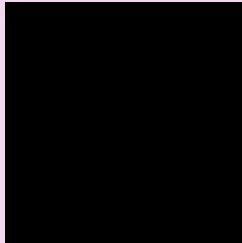
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3280, 74.3830, 91.9958

Background



This preview shows how black text looks on a background with the XYZ color 76.3280, 74.3830, 91.9958.



This preview shows how white text looks on a background with the XYZ color 76.3280, 74.3830,

91.9958.

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

76.3280, 74.3830, 91.9958

Protanopia

72.5797, 74.3413, 94.5284

Deuteranopia

75.9894, 74.2084, 91.9799



Tritanopia

75.6634, 74.4917, 88.9877

Trichromacy



Original Color

76.3280, 74.3830, 91.9958

Protanomaly

73.7835, 74.1953, 93.6514

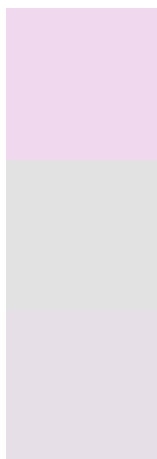
Deuteranomaly

75.9894, 74.2084, 91.9799

Tritanomaly

75.8083, 74.5497, 89.7509

Monochromacy



Original Color

76.3280, 74.3830, 91.9958

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7665, 75.5338, 86.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3280, 74.3830, 91.9958 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, 217, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 239)  
}
```

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, 217, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.3280, 74.3830, 91.9958 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, 217, 239) }
```


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

```
.border{ border-color:rgb(240, 217, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3280, 74.3830, 91.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 239) }
```

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

```
.background{ background-color: rgb(240,  
217, 239) }
```

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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