

Converting Colors

XYZ(74.8405, 76.5322, 89.2245)

Have a look what the booklet for
XYZ(74.8405, 76.5322, 89.2245)
contains.

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Color

**XYZ(74.9298, 76.4653,
89.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E0EB
RGB	232, 224, 235
RGB Percent	91%, 88%, 92%
CMY	0.0902, 0.1215, 0.0784
CMYK	0.01, 0.05, 0.00, 0.08
HSL	284°, 22%, 90%
HSV	284°, 5%, 92%
XYZ	74.9298, 76.4653, 89.4073
YIQ	227.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

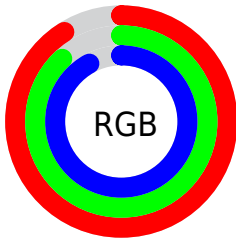
Format	Color
R _Y B	232, 224, 235
Decimal	15261931
CIE Lab	90.07, 4.67, -4.40
CIE LCh	90, 6.417, 316.755
Yxy	76.4653, 0.3112, 0.3175
Android (android.graphics.Color)	4293452011 (0xFFE8E0EB)
YUV	227.6460, 3.6255, 3.8185
Hunter-Lab	87.4444, -0.0739, 0.5902

Details

The XYZ color **74.9298, 76.4653, 89.4073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8443, 81.1314, 82.2401**, and the grayscale version is **73.4599, 77.2855, 84.1639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2291, 40.8607, 48.4144** is the 20% darker color. If you saturate the color by 10%, you get **67.0029, 63.6439, 87.3515**, and if you desaturate by 10%, it is **83.8098, 91.0781, 91.7610**.

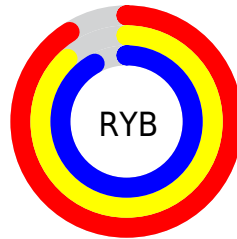
Distribution



Red (91%)

Green (88%)

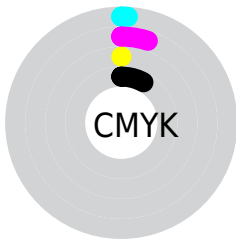
Blue (92%)



Red (91%)

Yellow (88%)

Blue (92%)

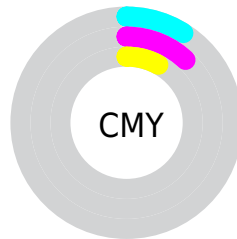


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9298, 76.4653, 89.4073 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 74.9298, 76.4653, 89.4073 by changing the saturation by 10% instead.

74.9298, 76.4653,
89.4073

74.9298, 76.4653,
89.4073

466.6771,
482.9390, 546.6212

55.8494, 56.8141,
66.9182

125.2014,
128.3844, 148.4432

40.3187, 40.8560,
48.5570

157.1233,
161.4212, 185.8270

27.9724, 28.2066,
33.9051

194.0564,
199.6886, 229.0129

18.4452, 18.4815,
22.5439

236.3660,
243.5710, 278.4193

11.3717, 11.2962,
14.0550

284.4176,
293.4529, 334.4648

6.3866, 6.2664,
8.0197

338.5764,

3.1244, 3.0078,

349.7185, 397.5679

4.0196

399.2078,
412.7525, 468.1472

■ 1.2199, 1.1358,
1.6361

■ 0.1220, 0.0083,
0.3164

■ 74.9298, 76.4653,
89.4073

■ 74.9298, 76.4653,
89.4073

■ 67.0029, 63.6439,
87.3515

■ 83.8098, 91.0781,
91.7610

■ 59.9863, 52.5325,
85.5766

■ 88.3503, 96.8990,
92.6452

■ 53.8432, 43.0580,
84.0716

■ 90.6239, 98.0711,
92.7516

■ 48.5319, 35.1379,
82.8228

■ 91.9956, 98.7782,
92.8158

■ 44.0070, 28.6827,
81.8153

■ 40.2184, 23.5935,
81.0326

■ 37.1097, 19.7588,
80.4563

■ 34.6156, 17.0494,
80.0648

■ 32.6564, 15.3071,
79.8318

Harmonies

Analogous

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



73.5637, 76.4653, 91.9343



74.9298, 76.4653, 89.4073



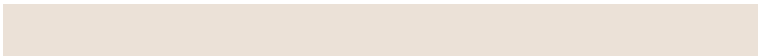
75.6974, 76.4653, 85.2818

Triad

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



74.9298, 76.4653, 89.4073



73.3813, 76.4653, 75.0153



69.7871, 76.4653, 85.8096

Complementary

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



74.9298, 76.4653, 89.4073



74.8443, 81.1314, 82.2401

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.



69.7399, 76.4653, 81.2659



74.9298, 76.4653, 89.4073



71.7994, 76.4653, 75.1450

Square

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



74.9298, 76.4653, 89.4073



74.7947, 76.4653, 77.0359



70.4717, 76.4653, 77.3968



70.6016, 76.4653, 89.8058

Rectangle

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



74.9298, 76.4653, 89.4073



75.7593, 76.4653, 82.2312



70.4717, 76.4653, 77.3968



69.6814, 76.4653, 84.2927

Sweetspot

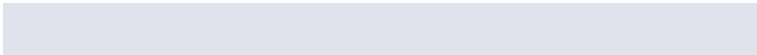
The Sweet Spot groups the original color and five complimentary colors.



74.9320, 76.4686, 89.4090



93.9864, 98.2521, 108.6187



73.2400, 76.8508, 89.5719



20.1282, 21.0484, 23.2518



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.



74.9320, 76.4686, 89.4090



88.8429, 89.8406, 107.2662



75.5722, 76.8381, 87.6539



15.7848, 15.8966, 19.1587



17.8080, 8.2163, 44.3903



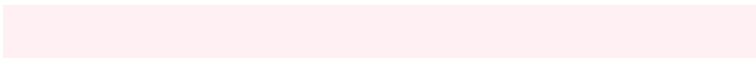
1.4898, 0.6923, 3.4900

Inverse Universe

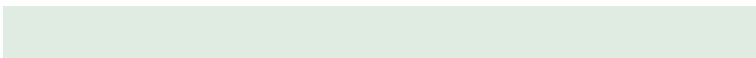
The Inverse Universe completely reimagines the original color for something new.



74.7844, 76.5230, 83.5057



88.6218, 89.9277, 98.1745



74.2317, 80.7780, 83.9102



15.7420, 15.9140, 17.3761



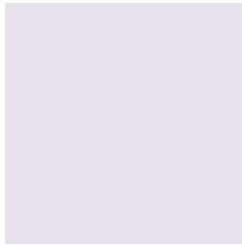
19.6305, 10.0549, 3.8554



1.5807, 0.8053, 0.5096

Previews

White Background



This preview shows how the XYZ color 74.9298, 76.4653, 89.4073 looks on a white background.

Color Contrast Check

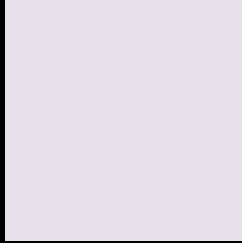
Large Text (above 18pt) WCAG AA × Fail

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 74.9298, 76.4653, 89.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

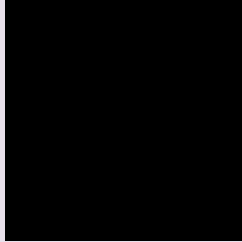
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

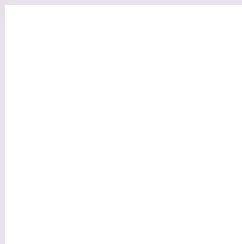
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9298, 76.4653, 89.4073

Background



This preview shows how black text looks on a background with the XYZ color 74.9298, 76.4653, 89.4073.



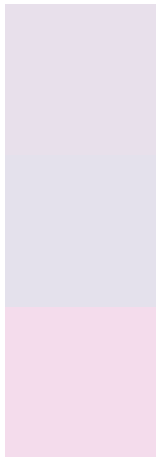
This preview shows how white text looks on a background with the XYZ color 74.9298, 76.4653,

89.4073.

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

74.9298, 76.4653, 89.4073

Protanopia

74.0604, 76.4005, 90.2003

Deuteranopia

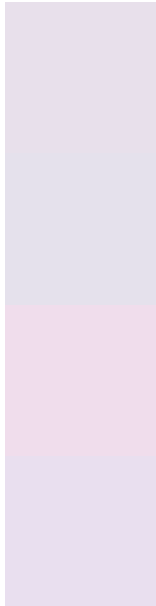
78.0417, 76.4756, 90.0049



Tritanopia

75.8691, 76.4499, 93.9767

Trichromacy



Original Color

74.9298, 76.4653, 89.4073

Protanomaly

74.3786, 76.5646, 90.2151

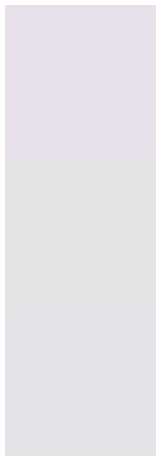
Deuteranomaly

76.9320, 76.2943, 90.0284

Tritanomaly

75.5719, 76.3310, 92.4116

Monochromacy



Original Color

74.9298, 76.4653, 89.4073

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2060, 77.3657, 86.6233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9298, 76.4653, 89.4073 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(232, 224, 235) looks like.

```
.text, #text, p{  
    color:rgb(232, 224, 235)  
}
```

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(232, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 224, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.9298, 76.4653, 89.4073 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(232, 224, 235) }
```


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

```
.border{ border-color:rgb(232, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(232, 224,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9298, 76.4653, 89.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 224, 235) }
```

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

```
.background{ background-color: rgb(232,  
224, 235) }
```

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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