

Converting Colors

XYZ(74.8723, 75.3153, 86.1924)

Have a look what the booklet for
XYZ(74.8723, 75.3153, 86.1924)
contains.

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Color

**XYZ(74.8723, 75.3153,
86.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDE7
RGB	236, 221, 231
RGB Percent	93%, 87%, 91%
CMY	0.0745, 0.1333, 0.0941
CMYK	0.00, 0.06, 0.02, 0.07
HSL	320°, 28%, 90%
HSV	320°, 6%, 93%
XYZ	74.8723, 75.3153, 86.1924
YIQ	226.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

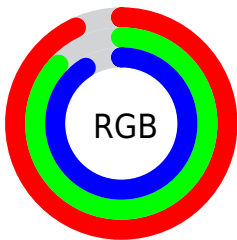
Format	Color
R _Y B	236, 221, 231
Decimal	15523303
CIE Lab	89.54, 6.86, -3.05
CIE LCh	90, 7.505, 336.060
Yxy	75.3153, 0.3167, 0.3186
Android (android.graphics.Color)	4293713383 (0xFFECDDE7)
YUV	226.6250, 2.1569, 8.2219
Hunter-Lab	86.7844, 2.1263, 1.8635

Details

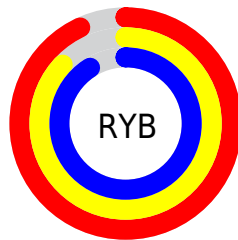
The XYZ color **74.8723, 75.3153, 86.1924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5445, 80.8560, 83.6860**, and the grayscale version is **72.7251, 76.5125, 83.3221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1965, 40.0709, 46.1733** is the 20% darker color. If you saturate the color by 10%, you get **67.9882, 63.2849, 78.5378**, and if you desaturate by 10%, it is **82.6866, 89.1239, 94.4054**.

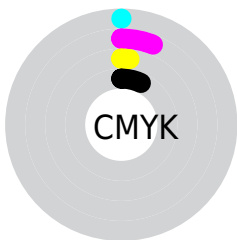
Distribution



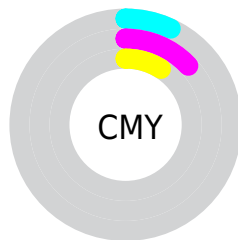
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8723, 75.3153, 86.1924 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 74.8723, 75.3153, 86.1924 by changing the saturation by 10% instead.

74.8723, 75.3153,
86.1924

74.8723, 75.3153,
86.1924

466.4825,
479.0006, 535.8126

55.8021, 55.8712,
64.2713

125.1205,
126.7586, 143.9269

40.2806, 40.0997,
46.4228

157.0291,
159.5266, 180.5773

27.9426, 27.6163,
32.2286

193.9480,
197.5047, 222.9746

18.4226, 18.0366,
21.2699

236.2423,
241.0773, 271.5372

11.3554, 10.9763,
13.1282

284.2776,
290.6288, 326.6838

6.3754, 6.0509,
7.3852

338.4192,

3.1175, 2.8760,

346.5436, 388.8329

3.6220

399.0323,
409.2061, 458.4029

■ 1.2162, 1.0674,
1.4204

■ 0.1191, 0.0000,
0.1575

■ 74.8723, 75.3153,
86.1924

■ 74.8723, 75.3153,
86.1924

■ 67.9882, 63.2849,
78.5378

■ 82.6866, 89.1239,
94.4054

■ 61.9907, 52.9499,
71.4211

■ 87.1007, 96.0524,
101.7338

■ 56.8425, 44.2357,
64.8276

■ 88.3394, 96.5478,
108.2565

■ 52.5010, 37.0581,
58.7398

■ 88.4025, 96.5731,
108.5889

■ 48.9198, 31.3252,
53.1387

■ 46.0474, 26.9355,
48.0037

■ 43.8258, 23.7740,
43.3120

■ 42.1873, 21.7063,
39.0373

■ 41.0471, 20.5644,
35.1476

Harmonies

Analogous

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



73.6908, 75.3153, 90.4851



74.8723, 75.3153, 86.1924



75.1664, 75.3153, 80.9390

Triad

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



74.8723, 75.3153, 86.1924



71.2115, 75.3153, 72.3233



68.7587, 75.3153, 88.1247

Complementary

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



74.8723, 75.3153, 86.1924



73.5445, 80.8560, 83.6860

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.



68.1191, 75.3153, 83.0814



74.8723, 75.3153, 86.1924



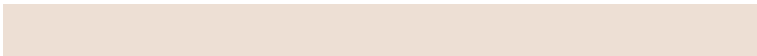
69.5195, 75.3153, 74.0730

Square

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



74.8723, 75.3153, 86.1924



73.0323, 75.3153, 73.0766



68.3952, 75.3153, 77.9565



70.1568, 75.3153, 91.6338

Rectangle

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



74.8723, 75.3153, 86.1924



74.8152, 75.3153, 77.6281



68.3952, 75.3153, 77.9565



68.4490, 75.3153, 86.5446

Sweetspot

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



74.8745, 75.3186, 86.1940



93.1719, 96.6800, 106.9293



72.3638, 73.9415, 89.8160



19.9623, 20.7283, 22.9080



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

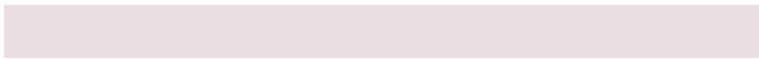
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8745, 75.3186, 86.1940



87.8080, 87.2375, 101.1788



73.8379, 74.9039, 80.7357



15.4889, 15.2234, 17.8599



22.4997, 11.2026, 18.9644



1.8111, 0.8974, 1.7225

Inverse Universe

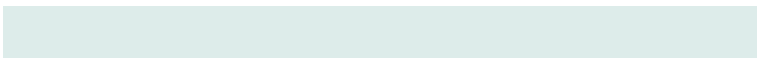
The Inverse Universe completely reimagines the original color for something new.



74.8745, 75.3186, 86.1940



87.8080, 87.2375, 101.1788



74.5962, 81.2766, 89.2237



15.4889, 15.2234, 17.8599



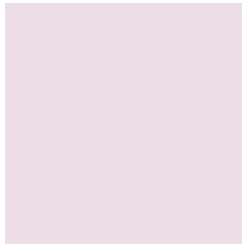
22.4997, 11.2026, 18.9644



1.8111, 0.8974, 1.7225

Previews

White Background



This preview shows how the XYZ color 74.8723, 75.3153, 86.1924 looks on a white background.

Color Contrast Check

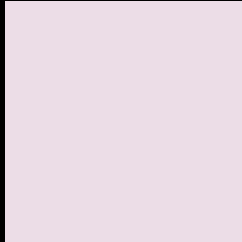
Large Text (above 18pt) WCAG AA × Fail

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 74.8723, 75.3153, 86.1924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

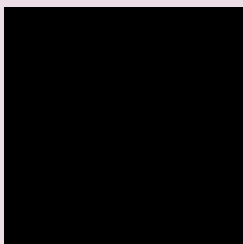
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

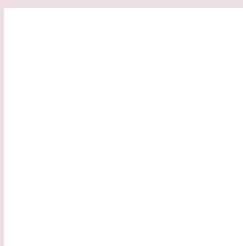
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8723, 75.3153, 86.1924

Background



This preview shows how black text looks on a background with the XYZ color 74.8723, 75.3153, 86.1924.

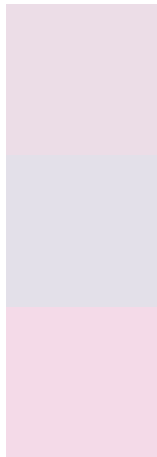


This preview shows how white text looks on a background with the XYZ color 74.8723, 75.3153,

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

74.8723, 75.3153, 86.1924

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

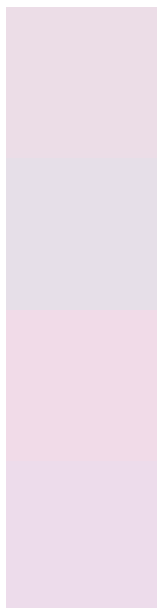
76.9451, 75.2021, 86.8039



Tritanopia

75.8043, 75.3053, 90.6608

Trichromacy



Original Color

74.8723, 75.3153, 86.1924

Protanomaly

73.5863, 75.4245, 87.0239

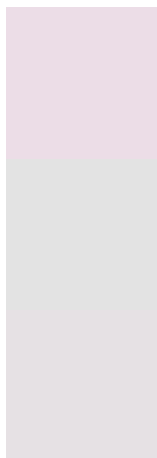
Deuteranomaly

76.1726, 75.1900, 86.8423

Tritanomaly

75.5136, 75.1891, 89.1302

Monochromacy



Original Color

74.8723, 75.3153, 86.1924

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5619, 76.2749, 84.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8723, 75.3153, 86.1924 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(236, 221, 231) looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 231)  
}
```

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(236, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.8723, 75.3153, 86.1924 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(236, 221, 231) }
```


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

```
.border{ border-color:rgb(236, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8723, 75.3153, 86.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 231) }
```

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

```
.background{ background-color: rgb(236,  
221, 231) }
```

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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