

Converting Colors

XYZ(74.5268, 76.0644, 81.7923)

Have a look what the booklet for
XYZ(74.5268, 76.0644, 81.7923)
contains.

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Color

**XYZ(74.5704, 76.0445,
81.9819)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE1
RGB	236, 223, 225
RGB Percent	93%, 87%, 88%
CMY	0.0745, 0.1255, 0.1176
CMYK	0.00, 0.06, 0.05, 0.07
HSL	351°, 25%, 90%
HSV	351°, 6%, 93%
XYZ	74.5704, 76.0445, 81.9819
YIQ	227.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

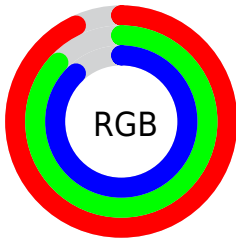
Format	Color
R_{YB}	236, 223, 225
Decimal	15523809
CIE Lab	89.88, 4.77, 0.60
CIE LCh	90, 4.813, 7.196
Yxy	76.0445, 0.3206, 0.3269
Android (android.graphics.Color)	4293713889 (0xFFE0D0E1)
YUV	227.1150, -1.0427, 7.7921
Hunter-Lab	87.2035, 0.0347, 5.3026

Details

The XYZ color **74.5704, 76.0445, 81.9819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2811, 81.6214, 89.6329**, and the grayscale version is **73.1029, 76.9099, 83.7549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0807, 40.6108, 43.7564** is the 20% darker color. If you saturate the color by 10%, you get **66.1320, 63.2758, 66.5019**, and if you desaturate by 10%, it is **84.2108, 90.7050, 99.4374**.

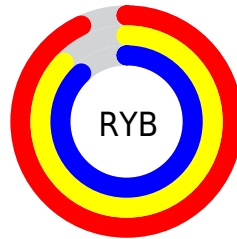
Distribution



Red (93%)

Green (87%)

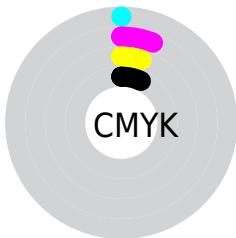
Blue (88%)



Red (93%)

Yellow (87%)

Blue (88%)

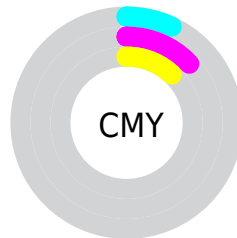


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5704, 76.0445, 81.9819 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 74.5704, 76.0445, 81.9819 by changing the saturation by 10% instead.


 74.5704, 76.0445,
81.9819

 74.5704, 76.0445,
81.9819


465.4596,
481.5000, 521.4690

 55.5540, 56.4690,
60.8149


124.6952,
127.7898, 137.9851

 40.0810, 40.5791,
43.6462


156.5343,
160.7284, 173.6583

 27.7862, 27.9903,
30.0573


193.3783,
198.8902, 215.0040

 18.3042, 18.3184,
19.6297

235.5926,
242.6595, 262.4408

 11.2696, 11.1788,
11.9447

283.5425,
292.4207, 316.3872

 6.3171, 6.1872,
6.5840

337.5934,

 3.0813, 2.9593,

348.5583, 377.2616

3.1288

398.1107,
411.4566, 445.4827

■ 1.1969, 1.1105,
1.1608

■ 0.1039, 0.0000,
0.0000

■ 74.5704, 76.0445,
81.9819

■ 74.5704, 76.0445,
81.9819

■ 66.1320, 63.2758,
66.5019

■ 84.2108, 90.7050,
99.4374

■ 58.8420, 52.3124,
52.9227

■ 88.4025, 96.5731,
108.5889

■ 52.6524, 43.0756,
41.1722

■ 47.5093, 35.4772,
31.1718

■ 43.3542, 29.4211,
22.8371

■ 40.1225, 24.8013,
16.0768

■ 37.7423, 21.4982,
10.7904

■ 36.1303, 19.3728,
6.8659

■ 35.1856, 18.2546,
4.1739

Harmonies

Analogous

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



74.4064, 76.0445, 85.3636



74.5704, 76.0445, 81.9819



74.1148, 76.0445, 78.9034

Triad

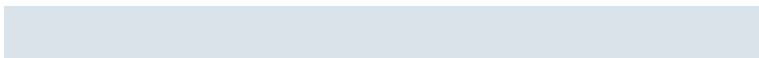
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5704, 76.0445, 81.9819



70.9045, 76.0445, 77.6919



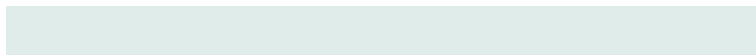
71.3954, 76.0445, 88.9842

Complementary

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



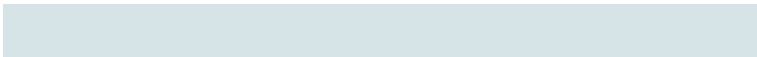
74.5704, 76.0445, 81.9819



75.2811, 81.6214, 89.6329

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.



70.4719, 76.0445, 86.8219



74.5704, 76.0445, 81.9819



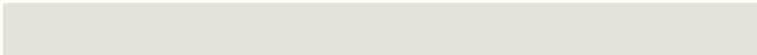
70.1906, 76.0445, 80.2873

Square

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



74.5704, 76.0445, 81.9819



71.9920, 76.0445, 76.4710



70.0331, 76.0445, 83.6226



72.5648, 76.0445, 89.4680

Rectangle

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



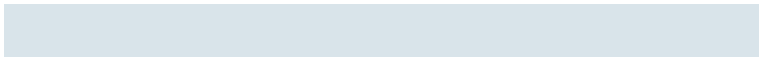
74.5704, 76.0445, 81.9819



73.5239, 76.0445, 77.4163



70.0331, 76.0445, 83.6226



71.0463, 76.0445, 88.4267

Sweetspot

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



74.5725, 76.0478, 81.9835



92.7572, 96.5142, 104.7455



75.4074, 76.2992, 90.1108



19.8779, 20.6945, 22.4634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

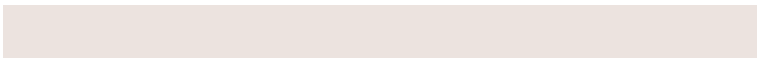
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5725, 76.0478, 81.9835



87.2797, 88.2001, 94.7777



75.4741, 78.2842, 80.9485



15.5098, 15.6220, 16.7669



19.2751, 9.9127, 1.9839



1.5423, 0.7899, 0.3073

Inverse Universe

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



74.5725, 76.0478, 81.9835



87.2797, 88.2001, 94.7777



74.3374, 79.2724, 90.7411



15.5098, 15.6220, 16.7669



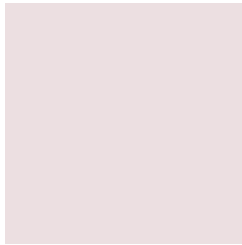
19.2751, 9.9127, 1.9839



1.5423, 0.7899, 0.3073

Previews

White Background



This preview shows how the XYZ color 74.5704, 76.0445, 81.9819 looks on a white background.

Color Contrast Check

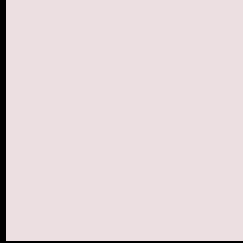
Large Text (above 18pt) WCAG AA × Fail

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 74.5704, 76.0445, 81.9819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

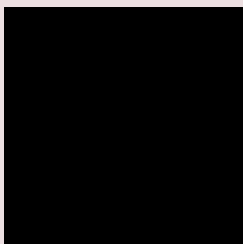
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

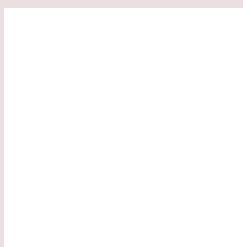
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5704, 76.0445, 81.9819

Background



This preview shows how black text looks on a background with the XYZ color 74.5704, 76.0445, 81.9819.



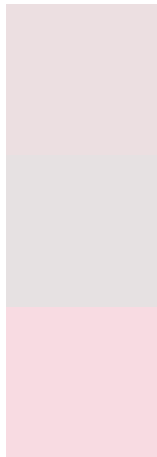
This preview shows how white text looks on a background with the XYZ color 74.5704, 76.0445,

81.9819.

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

74.5704, 76.0445, 81.9819

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

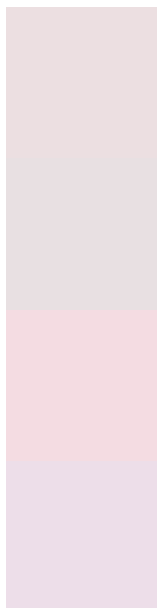
77.7704, 76.1105, 82.5434



Tritanopia

76.5490, 76.0631, 91.5360

Trichromacy



Original Color

74.5704, 76.0445, 81.9819

Protanomaly

73.6618, 75.9581, 82.7305

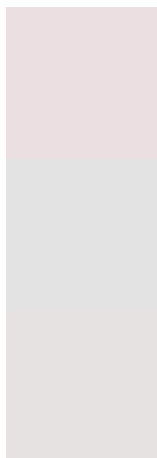
Deuteranomaly

76.6289, 75.9105, 82.5649

Tritanomaly

75.7543, 76.1303, 87.7927

Monochromacy



Original Color

74.5704, 76.0445, 81.9819

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5570, 76.7067, 82.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5704, 76.0445, 81.9819 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, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 225)  
}
```

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, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.5704, 76.0445, 81.9819 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, 223, 225) }
```


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

```
.border{ border-color:rgb(236, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5704, 76.0445, 81.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 225) }
```

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

```
.background{ background-color: rgb(236,  
223, 225) }
```

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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