

Converting Colors

XYZ(74.2716, 76.2925, 83.4447)

Have a look what the booklet for
XYZ(74.2716, 76.2925, 83.4447)
contains.

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Color

**XYZ(74.1251, 76.1810,
83.4706)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0E3
RGB	233, 224, 227
RGB Percent	91%, 88%, 89%
CMY	0.0863, 0.1215, 0.1098
CMYK	0.00, 0.04, 0.03, 0.09
HSL	340°, 17%, 90%
HSV	340°, 4%, 91%
XYZ	74.1251, 76.1810, 83.4706
YIQ	227.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

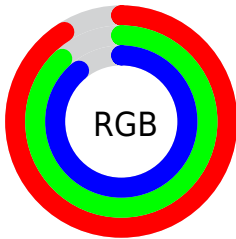
Format	Color
R_{YB}	233, 224, 227
Decimal	15327459
CIE Lab	89.94, 3.58, -0.38
CIE LCh	90, 3.602, 353.902
Yxy	76.1810, 0.3171, 0.3259
Android (android.graphics.Color)	4293517539 (0xFFE9E0E3)
YUV	227.0330, -0.0163, 5.2331
Hunter-Lab	87.2817, -1.1497, 4.3961

Details

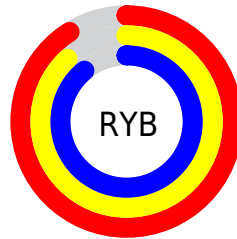
The XYZ color **74.1251, 76.1810, 83.4706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1652, 79.8404, 86.3688**, and the grayscale version is **73.0374, 76.8410, 83.6799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7658, 40.7016, 44.7900** is the 20% darker color. If you saturate the color by 10%, you get **66.2386, 63.6862, 70.7331**, and if you desaturate by 10%, it is **83.0677, 90.4759, 97.5172**.

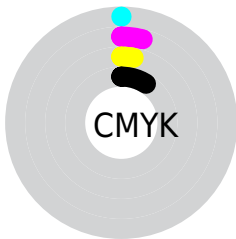
Distribution



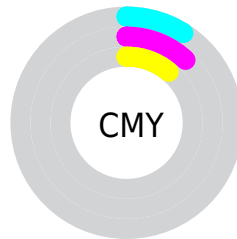
- Red (91%)
- Green (88%)
- Blue (89%)



- Red (91%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1251, 76.1810, 83.4706 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 74.1251, 76.1810, 83.4706 by changing the saturation by 10% instead.

74.1251, 76.1810,
83.4706

74.1251, 76.1810,
83.4706

463.9487,
481.9671, 526.5656

55.1881, 56.5809,
62.0356

124.0677,
127.9827, 140.0895

39.7868, 40.6689,
44.6255

155.8039,
160.9532, 176.1105

27.5558, 28.0605,
30.8217

192.5373,
199.1492, 217.8305

18.1298, 18.3712,
20.2058

234.6332,
242.9553, 265.6682

11.1435, 11.2168,
12.3592

282.4569,
292.7557, 320.0419

6.2314, 6.2129,
6.8633

336.3738,

3.0283, 2.9750,

348.9348, 381.3704

3.2996

396.7493,
411.8772, 450.0721

■ 1.1687, 1.1187,
1.2496

■ 0.0815, 0.0000,
0.0199

■ 74.1251, 76.1810,
83.4706

■ 74.1251, 76.1810,
83.4706

■ 66.2386, 63.6862,
70.7331

■ 83.0677, 90.4759,
97.5172

■ 59.3619, 52.9104,
59.2613

■ 87.4148, 96.0639,
108.5427

■ 53.4548, 43.7806,
49.0166

■ 48.4719, 36.2149,
39.9564

■ 44.3640, 30.1244,
32.0357

■ 41.0773, 25.4109,
25.2061

■ 38.5515, 21.9644,
19.4155

■ 36.7174, 19.6578,
14.6066

■ 35.4919, 18.3366,
10.7151

Harmonies

Analogous

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



73.8012, 76.1810, 85.8734



74.1251, 76.1810, 83.4706



73.9858, 76.1810, 80.9755

Triad

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



74.1251, 76.1810, 83.4706



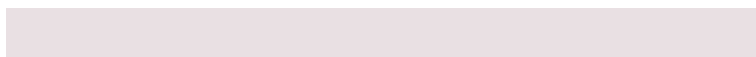
71.7157, 76.1810, 78.5417



71.4028, 76.1810, 86.9772

Complementary

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



74.1251, 76.1810, 83.4706



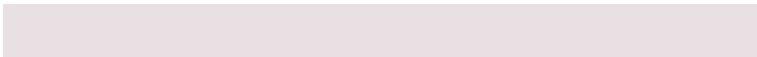
74.1652, 79.8404, 86.3688

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.



70.8523, 76.1810, 84.9526



74.1251, 76.1810, 83.4706



71.0319, 76.1810, 80.0901

Square

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



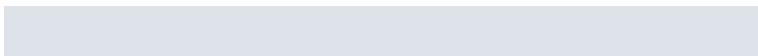
74.1251, 76.1810, 83.4706



72.5899, 76.1810, 78.1633



70.7171, 76.1810, 82.4279



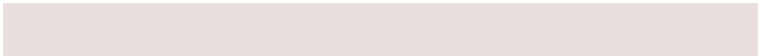
72.2259, 76.1810, 87.9245

Rectangle

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



74.1251, 76.1810, 83.4706



73.6495, 76.1810, 79.5913



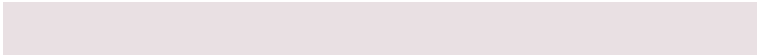
70.7171, 76.1810, 82.4279



71.1800, 76.1810, 86.3981

Sweetspot

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



74.1273, 76.1843, 83.4723



93.9692, 98.2747, 107.1948



73.9994, 76.0210, 87.8653



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

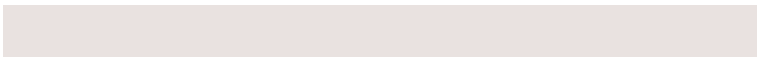
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1273, 76.1843, 83.4723



89.7774, 91.5975, 100.5369



74.1220, 76.8298, 81.4479



15.9392, 16.1946, 17.7925



19.8912, 10.1592, 5.2286



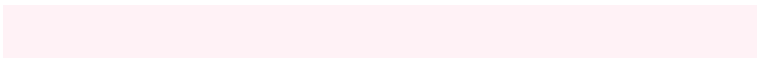
1.6051, 0.8150, 0.6379

Inverse Universe

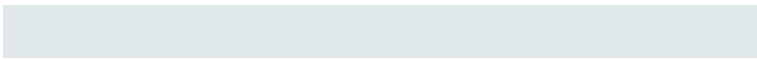
The Inverse Universe completely reimagines the original color for something new.



74.1273, 76.1843, 83.4723



89.7774, 91.5975, 100.5369



74.1671, 79.1648, 88.4633



15.9392, 16.1946, 17.7925



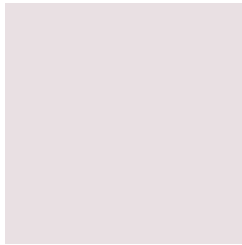
19.8912, 10.1592, 5.2286



1.6051, 0.8150, 0.6379

Previews

White Background



This preview shows how the XYZ color 74.1251, 76.1810, 83.4706 looks on a white background.

Color Contrast Check

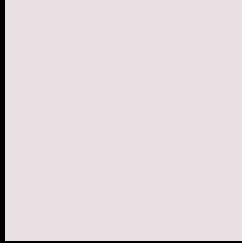
Large Text (above 18pt) WCAG AA × Fail

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 74.1251, 76.1810, 83.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

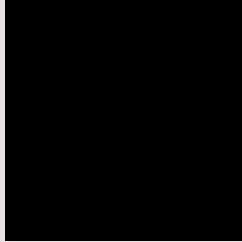
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

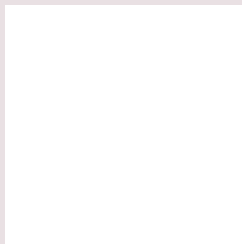
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1251, 76.1810, 83.4706

Background



This preview shows how black text looks on a background with the XYZ color 74.1251, 76.1810, 83.4706.



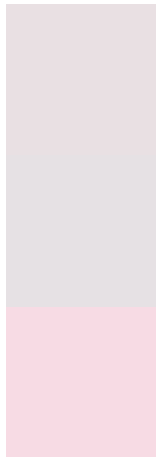
This preview shows how white text looks on a background with the XYZ color 74.1251, 76.1810,

83.4706.

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

74.1251, 76.1810, 83.4706

Protanopia

73.5619, 76.2749, 84.2442

Deuteranopia

77.6929, 76.0386, 83.9809



Tritanopia

76.1104, 76.1960, 93.1339

Trichromacy



Original Color

74.1251, 76.1810, 83.4706

Protanomaly

73.8838, 76.4408, 84.2592

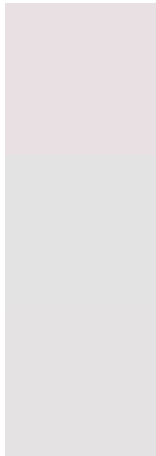
Deuteranomaly

76.4780, 76.1916, 84.0744

Tritanomaly

75.3148, 76.2659, 89.3485

Monochromacy



Original Color

74.1251, 76.1810, 83.4706

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3746, 76.5968, 83.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1251, 76.1810, 83.4706 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(233, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 227)  
}
```

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(233, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.1251, 76.1810, 83.4706 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(233, 224, 227) }
```


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

```
.border{ border-color:rgb(233, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1251, 76.1810, 83.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 227) }
```

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

```
.background{ background-color: rgb(233,  
224, 227) }
```

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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