

Converting Colors

XYZ(74.6834, 76.4320, 82.9343)

Have a look what the booklet for
XYZ(74.6834, 76.4320, 82.9343)
contains.

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Color

**XYZ(74.6441, 76.4645,
82.7765)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBE0E2 |
| RGB | 235, 224, 226 |
| RGB Percent | 92%, 88%, 89% |
| CMY | 0.0784, 0.1215, 0.1137 |
| CMYK | 0.00, 0.05, 0.04, 0.08 |
| HSL | 349°, 22%, 90% |
| HSV | 349°, 5%, 92% |
| XYZ | 74.6441, 76.4645, 82.7765 |
| YIQ | 227.5170, 5.9140, 2.9540 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 235, 224, 226 |
| Decimal | 15458530 |
| CIE _{Lab} | 90.07, 4.09, 0.35 |
| CIE _{LCh} | 90, 4.103, 4.927 |
| Yxy | 76.4645, 0.3191, 0.3269 |
| Android (android.graphics.Color) | 4293648610 (0xFFEBE0E2) |
| YUV | 227.5170, -0.7479, 6.5626 |
| Hunter-Lab | 87.4440, -0.6555, 5.0855 |

Details

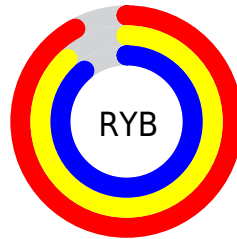
The XYZ color **74.6441, 76.4645, 82.7765** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1597, 81.1491, 88.7968**, and the grayscale version is **73.3942, 77.2165, 84.0887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1291, 40.8999, 44.3075** is the 20% darker color. If you saturate the color by 10%, you get **66.2670, 63.6991, 67.6849**, and if you desaturate by 10%, it is **84.1945, 91.1007, 99.7218**.

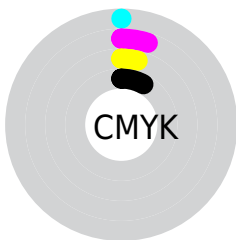
Distribution



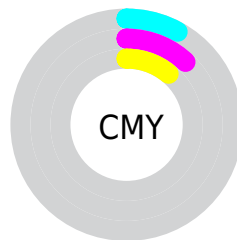
- Red (92%)
- Green (88%)
- Blue (89%)



- Red (92%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6441, 76.4645, 82.7765 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 74.6441, 76.4645, 82.7765 by changing the saturation by 10% instead.


 74.6441, 76.4645,
82.7765

 74.6441, 76.4645,
82.7765


465.7095,
482.9363, 524.1928

 55.6145, 56.8135,
61.4663


124.7990,
128.3833, 139.1088

 40.1297, 40.8555,
44.1686


156.6551,
161.4198, 174.9680

 27.8244, 28.2062,
30.4649


193.5174,
199.6870, 216.5138

 18.3331, 18.4812,
19.9367

235.7513,
243.5693, 264.1650

 11.2905, 11.2960,
12.1654

283.7220,
293.4509, 318.3399

 6.3313, 6.2663,
6.7325

337.7951,

 3.0901, 3.0077,

349.7163, 379.4571

3.2195

398.3358,
412.7500, 447.9353

■ 1.2016, 1.1357,
1.2078

■ 0.1076, 0.0083,
0.0000

■ 74.6441, 76.4645,
82.7765

■ 74.6441, 76.4645,
82.7765

■ 66.2670, 63.6991,
67.6849

■ 84.1945, 91.1007,
99.7218

■ 59.0114, 52.7195,
54.3790

■ 88.0714, 96.4024,
108.5734

■ 52.8312, 43.4489,
42.7938

■ 47.6747, 35.8010,
32.8582

■ 43.4855, 29.6820,
24.4966

■ 40.2020, 24.9885,
17.6268

■ 37.7554, 21.6040,
12.1595

■ 36.0663, 19.3940,
7.9951

■ 35.0392, 18.1938,
5.0202

Harmonies

Analogous

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



74.4639, 76.4645, 85.6542



74.6441, 76.4645, 82.7765



74.2933, 76.4645, 80.0896

Triad

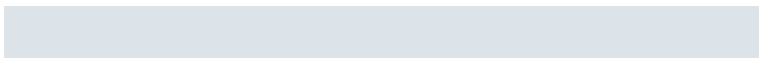
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6441, 76.4645, 82.7765



71.5627, 76.4645, 78.7465



71.8512, 76.4645, 88.4363

Complementary

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



74.6441, 76.4645, 82.7765



75.1597, 81.1491, 88.7968

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.



71.0848, 76.4645, 86.5065



74.6441, 76.4645, 82.7765



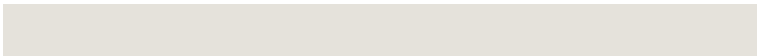
70.9193, 76.4645, 80.9047

Square

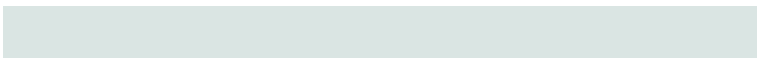
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



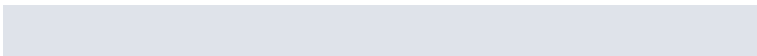
74.6441, 76.4645, 82.7765



72.5093, 76.4645, 77.7978



70.7452, 76.4645, 83.7390



72.8454, 76.4645, 88.9655

Rectangle

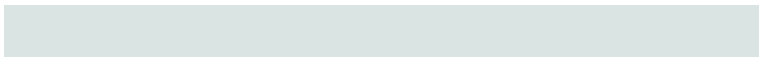
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



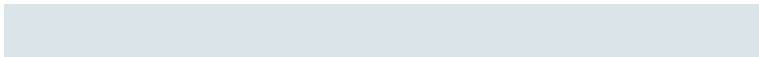
74.6441, 76.4645, 82.7765



73.8073, 76.4645, 78.7544



70.7452, 76.4645, 83.7390



71.5587, 76.4645, 87.9277

Sweetspot

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



74.6463, 76.4678, 82.7782



93.9076, 98.2501, 106.8705



75.2523, 76.6338, 89.4239



20.1121, 21.0480, 22.8961



0.0000, 0.0000, 0.0000



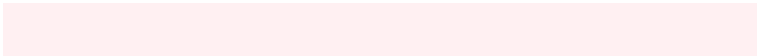
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6463, 76.4678, 82.7782



88.4107, 89.8432, 97.0625



75.3194, 78.2498, 81.6590



15.7008, 15.8975, 17.1588



19.3404, 9.9389, 2.3280



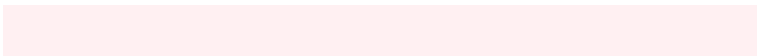
1.5505, 0.7932, 0.3505

Inverse Universe

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



74.6463, 76.4678, 82.7782



88.4107, 89.8432, 97.0625



74.4593, 79.2894, 89.9783



15.7008, 15.8975, 17.1588



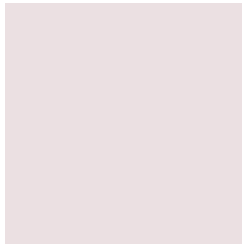
19.3404, 9.9389, 2.3280



1.5505, 0.7932, 0.3505

Previews

White Background



This preview shows how the XYZ color 74.6441, 76.4645, 82.7765 looks on a white background.

Color Contrast Check

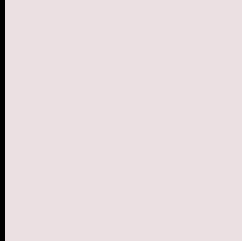
Large Text (above 18pt) WCAG AA × Fail

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 74.6441, 76.4645, 82.7765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

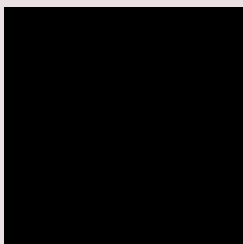
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

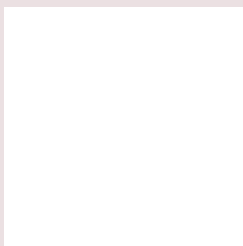
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6441, 76.4645, 82.7765

Background



This preview shows how black text looks on a background with the XYZ color 74.6441, 76.4645, 82.7765.



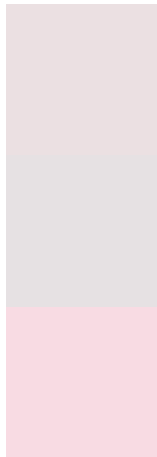
This preview shows how white text looks on a background with the XYZ color 74.6441, 76.4645,

82.7765.

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

74.6441, 76.4645, 82.7765

Protanopia

73.4235, 76.2195, 83.5150

Deuteranopia

77.9080, 76.1655, 83.2683



Tritanopia

76.6263, 76.4791, 92.3847

Trichromacy



Original Color

74.6441, 76.4645, 82.7765

Protanomaly

74.0691, 76.5523, 83.5453

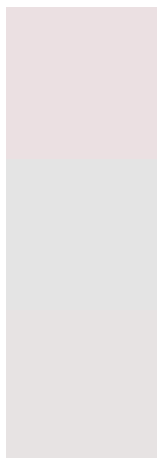
Deuteranomaly

76.6837, 76.3136, 83.3614

Tritanomaly

75.8310, 76.5487, 88.6206

Monochromacy



Original Color

74.6441, 76.4645, 82.7765

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2892, 77.4731, 83.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6441, 76.4645, 82.7765 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(235, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 226)  
}
```

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(235, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.6441, 76.4645, 82.7765 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(235, 224, 226) }
```


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

```
.border{ border-color:rgb(235, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6441, 76.4645, 82.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 226) }
```

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

```
.background{ background-color: rgb(235,  
224, 226) }
```

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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