

Converting Colors

XYZ(74.4224, 75.4325, 82.7166)

Have a look what the booklet for
XYZ(74.4224, 75.4325, 82.7166)
contains.

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Color

**XYZ(74.4408, 75.5664,
82.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEE2
RGB	236, 222, 226
RGB Percent	93%, 87%, 89%
CMY	0.0745, 0.1294, 0.1137
CMYK	0.00, 0.06, 0.04, 0.07
HSL	343°, 27%, 90%
HSV	343°, 6%, 93%
XYZ	74.4408, 75.5664, 82.6138
YIQ	226.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

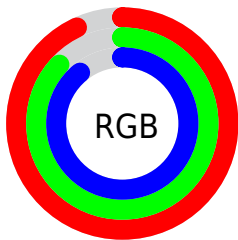
Format	Color
R _Y B	236, 222, 226
Decimal	15523554
CIE Lab	89.66, 5.47, -0.25
CIE LCh	90, 5.471, 357.415
Yxy	75.5664, 0.3200, 0.3248
Android (android.graphics.Color)	4293713634 (0xFFECDEE2)
YUV	226.6420, -0.3165, 8.2070
Hunter-Lab	86.9289, 0.7312, 4.5034

Details

The XYZ color **74.4408, 75.5664, 82.6138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6880, 81.3486, 88.1133**, and the grayscale version is **72.7541, 76.5430, 83.3553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9918, 40.2810, 44.1953** is the 20% darker color. If you saturate the color by 10%, you get **66.4053, 63.0172, 69.0758**, and if you desaturate by 10%, it is **83.5855, 89.9678, 97.6461**.

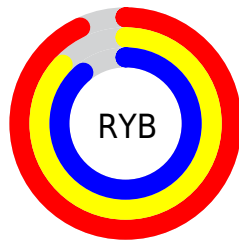
Distribution



Red (93%)

Green (87%)

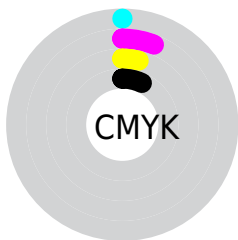
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

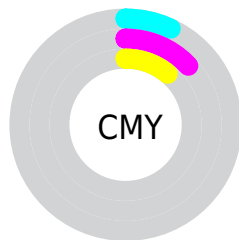


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4408, 75.5664, 82.6138 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 74.4408, 75.5664, 82.6138 by changing the saturation by 10% instead.

 74.4408, 75.5664,
82.6138

 74.4408, 75.5664,
82.6138


465.0202,
479.8621, 523.6358

 55.4475, 56.0770,
61.3328


124.5126,
127.1138, 138.8788

 39.9953, 40.2647,
44.0615


156.3218,
159.9406, 174.7000

 27.7191, 27.7450,
30.3813


193.1337,
197.9821, 216.2049

 18.2534, 18.1335,
19.8737

235.3135,
241.6225, 263.8122

 11.2329, 11.0459,
12.1201

283.2267,
291.2463, 317.9404

 6.2921, 6.0977,
6.7020

337.2387,

 3.0659, 2.9046,

347.2379, 379.0080

3.2008

397.7147,
409.9817, 447.4336

■ 1.1887, 1.0821,
1.1981

■ 0.0974, 0.0000,
0.0000

■ 74.4408, 75.5664,
82.6138

■ 74.4408, 75.5664,
82.6138

■ 66.4053, 63.0172,
69.0758

■ 83.5855, 89.9678,
97.6461

■ 59.4298, 52.2354,
56.9806

■ 88.4025, 96.5731,
108.5889

■ 53.4709, 43.1439,
46.2810

■ 48.4796, 35.6563,
36.9252

■ 44.4026, 29.6784,
28.8580

■ 41.1817, 25.1062,
22.0203

■ 38.7510, 21.8221,
16.3478

■ 37.0349, 19.6893,
11.7697

■ 35.9410, 18.5393,
8.2057

Harmonies

Analogous

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



74.0270, 75.5664, 86.3366



74.4408, 75.5664, 82.6138



74.1461, 75.5664, 78.9124

Triad

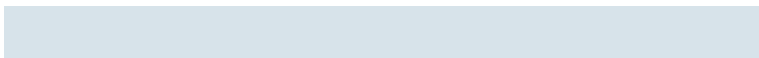
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4408, 75.5664, 82.6138



70.6383, 75.5664, 75.8717



70.4385, 75.5664, 88.6852

Complementary

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



74.4408, 75.5664, 82.6138



74.6880, 81.3486, 88.1133

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.



69.5501, 75.5664, 85.7399



74.4408, 75.5664, 82.6138



69.6644, 75.5664, 78.3505

Square

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



74.4408, 75.5664, 82.6138



71.9404, 75.5664, 75.0927



69.2685, 75.5664, 81.9450



71.7069, 75.5664, 89.9096

Rectangle

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



74.4408, 75.5664, 82.6138



73.5896, 75.5664, 76.9402



69.2685, 75.5664, 81.9450



70.0861, 75.5664, 87.8591

Sweetspot

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



74.4429, 75.5697, 82.6154



92.8633, 96.5566, 105.3042



74.4779, 75.4245, 89.9908



19.8995, 20.7031, 22.5772



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.



74.4429, 75.5697, 82.6154



87.6317, 88.3409, 96.6313



74.6505, 76.8522, 80.0106



15.5772, 15.6489, 17.1219



19.6807, 10.0750, 4.1199



1.5856, 0.8072, 0.5350

Inverse Universe

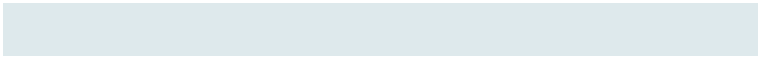
The Inverse Universe completely reimagines the original color for something new.



74.4429, 75.5697, 82.6154



87.6317, 88.3409, 96.6313



74.4626, 79.9790, 90.8708



15.5772, 15.6489, 17.1219



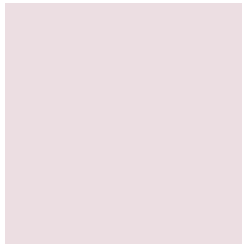
19.6807, 10.0750, 4.1199



1.5856, 0.8072, 0.5350

Previews

White Background



This preview shows how the XYZ color 74.4408, 75.5664, 82.6138 looks on a white background.

Color Contrast Check

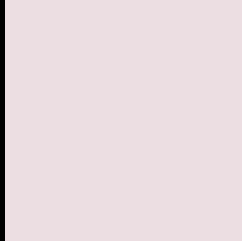
Large Text (above 18pt) WCAG AA × Fail

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 74.4408, 75.5664, 82.6138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

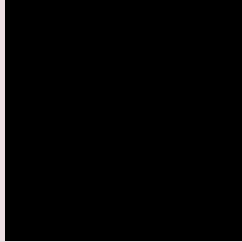
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

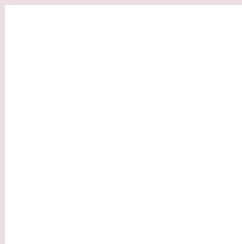
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4408, 75.5664, 82.6138

Background



This preview shows how black text looks on a background with the XYZ color 74.4408, 75.5664, 82.6138.



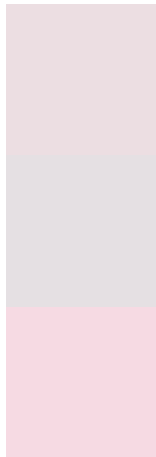
This preview shows how white text looks on a background with the XYZ color 74.4408, 75.5664,

82.6138.

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

74.4408, 75.5664, 82.6138

Protanopia

72.8339, 75.5154, 83.4102

Deuteranopia

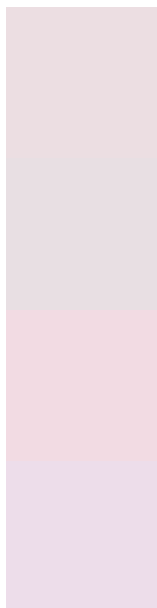
76.9426, 75.2817, 83.1486



Tritanopia

76.2857, 75.5366, 91.4482

Trichromacy



Original Color

74.4408, 75.5664, 82.6138

Protanomaly

73.5315, 75.4772, 83.3661

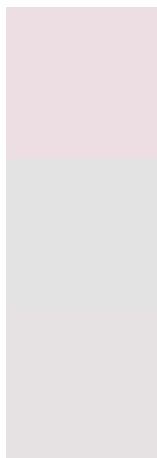
Deuteranomaly

75.8146, 75.0863, 83.1703

Tritanomaly

75.6328, 75.6579, 88.4591

Monochromacy



Original Color

74.4408, 75.5664, 82.6138

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4235, 76.2195, 83.5150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4408, 75.5664, 82.6138 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, 222, 226) looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 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(236, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.4408, 75.5664, 82.6138 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, 222, 226) }
```


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

```
.border{ border-color:rgb(236, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4408, 75.5664, 82.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 226) }
```

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

```
.background{ background-color: rgb(236,  
222, 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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