

Converting Colors

XYZ(74.0946, 75.5195, 84.3301)

Have a look what the booklet for
XYZ(74.0946, 75.5195, 84.3301)
contains.

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Color

**XYZ(74.0566, 75.3364,
84.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	EADEE4
RGB	234, 222, 228
RGB Percent	92%, 87%, 89%
CMY	0.0823, 0.1294, 0.1059
CMYK	0.00, 0.05, 0.03, 0.08
HSL	330°, 22%, 89%
HSV	330°, 5%, 92%
XYZ	74.0566, 75.3364, 84.0370
YIQ	226.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

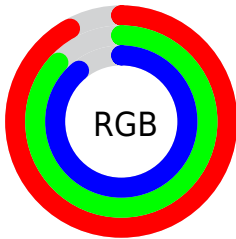
Format	Color
RYB	234, 222, 228
Decimal	15392484
CIELab	89.55, 5.13, -1.47
CIELCh	90, 5.341, 343.988
Yxy	75.3364, 0.3173, 0.3227
Android (android.graphics.Color)	4293582564 (0xFFEADDEE4)
YUV	226.2720, 0.8519, 6.7775
Hunter-Lab	86.7965, 0.4059, 3.3526

Details

The XYZ color **74.0566, 75.3364, 84.0370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5535, 79.9787, 84.9635**, and the grayscale version is **72.4787, 76.2533, 83.0398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7216, 40.1195, 45.1855** is the 20% darker color. If you saturate the color by 10%, you get **66.6981, 63.1314, 73.8379**, and if you desaturate by 10%, it is **82.3919, 89.3170, 95.1062**.

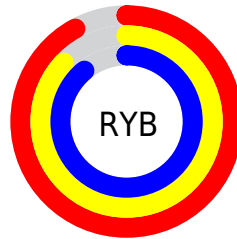
Distribution



Red (92%)

Green (87%)

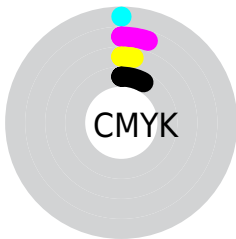
Blue (89%)



Red (92%)

Yellow (87%)

Blue (89%)

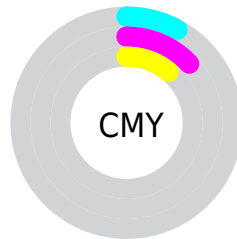


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0566, 75.3364, 84.0370 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 74.0566, 75.3364, 84.0370 by changing the saturation by 10% instead.


 74.0566, 75.3364,
84.0370

 74.0566, 75.3364,
84.0370


463.7160,
479.0730, 528.4974

 55.1318, 55.8885,
62.5004


123.9711,
126.7884, 140.8891

 39.7415, 40.1136,
44.9988


155.6915,
159.5614, 177.0417

 27.5204, 27.6271,
31.1135


192.4079,
197.5448, 218.9035

 18.1030, 18.0447,
20.4261

234.4855,
241.1231, 266.8928

 11.1241, 10.9821,
12.5180

282.2898,
290.6807, 321.4283

 6.2183, 6.0548,
6.9707

336.1861,

 3.0202, 2.8784,

346.6020, 382.9286

3.3656

396.5397,
409.2713, 451.8121

■ 1.1644, 1.0686,
1.2842

■ 0.0780, 0.0000,
0.0488

■ 74.0566, 75.3364,
84.0370

■ 74.0566, 75.3364,
84.0370

■ 66.6981, 63.1314,
73.8379

■ 82.3919, 89.3170,
95.1062

■ 60.2726, 52.6207,
64.4810

■ 87.1694, 96.0036,
105.5417

■ 54.7422, 43.7313,
55.9435

■ 87.7422, 96.2327,
108.5580

■ 50.0639, 36.3807,
48.1998

■ 46.1911, 30.4795,
41.2225

■ 43.0722, 25.9288,
34.9824

■ 40.6497, 22.6171,
29.4476

■ 38.8565, 20.4149,
24.5825

■ 37.6109, 19.1631,
20.3462

Harmonies

Analogous

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



73.3709, 75.3364, 87.3357



74.0566, 75.3364, 84.0370



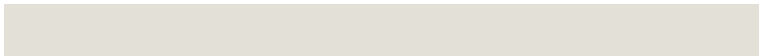
74.0802, 75.3364, 80.2950

Triad

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



74.0566, 75.3364, 84.0370



70.9971, 75.3364, 75.2176



69.8057, 75.3364, 87.1478

Complementary

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



74.0566, 75.3364, 84.0370



73.5535, 79.9787, 84.9635

Split Complementary

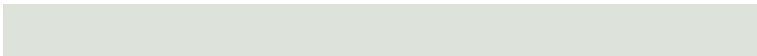
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1856, 75.3364, 83.7869



74.0566, 75.3364, 84.0370



69.8677, 75.3364, 76.9408

Square

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



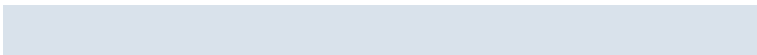
74.0566, 75.3364, 84.0370



72.3029, 75.3364, 75.2800



69.2081, 75.3364, 80.0523



70.9116, 75.3364, 89.1688

Rectangle

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



74.0566, 75.3364, 84.0370



73.7165, 75.3364, 78.0567



69.2081, 75.3364, 80.0523



69.5342, 75.3364, 86.1329

Sweetspot

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



74.0587, 75.3397, 84.0386



93.0365, 96.6259, 106.2162



72.9703, 74.6806, 88.4120



19.9348, 20.7173, 22.7629



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.



74.0587, 75.3397, 84.0386



89.1540, 90.1406, 100.9771



73.2405, 75.0124, 79.7297



15.8462, 15.9556, 17.9244



20.9344, 10.5765, 10.7219



1.6924, 0.8499, 1.0976

Inverse Universe

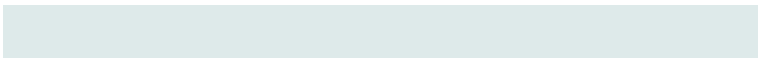
The Inverse Universe completely reimagines the original color for something new.



74.0587, 75.3397, 84.0386



89.1540, 90.1406, 100.9771



74.4007, 80.3176, 89.4246



15.8462, 15.9556, 17.9244



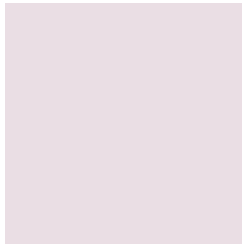
20.9344, 10.5765, 10.7219



1.6924, 0.8499, 1.0976

Previews

White Background



This preview shows how the XYZ color 74.0566, 75.3364, 84.0370 looks on a white background.

Color Contrast Check

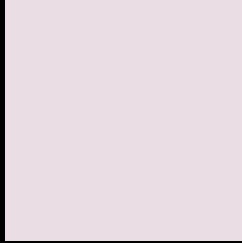
Large Text (above 18pt) WCAG AA × Fail

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 74.0566, 75.3364, 84.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

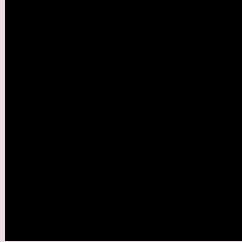
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

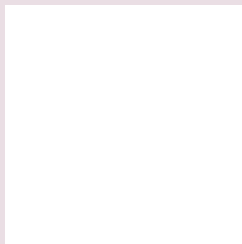
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0566, 75.3364, 84.0370

Background



This preview shows how black text looks on a background with the XYZ color 74.0566, 75.3364, 84.0370.

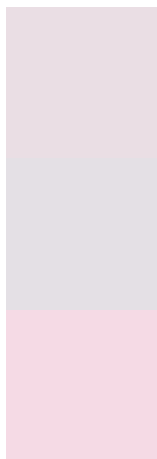


This preview shows how white text looks on a background with the XYZ color 74.0566, 75.3364,

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

74.0566, 75.3364, 84.0370

Protanopia

72.7934, 75.4624, 84.8578

Deuteranopia

76.8704, 75.2124, 84.5947



Tritanopia

75.2868, 75.0216, 91.4015

Trichromacy



Original Color

74.0566, 75.3364, 84.0370

Protanomaly

73.1637, 75.2555, 84.7984

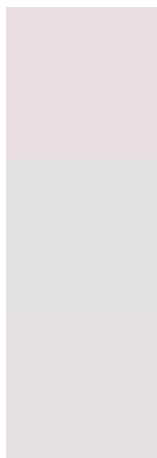
Deuteranomaly

75.7500, 75.0210, 84.6168

Tritanomaly

74.9687, 75.3156, 88.4280

Monochromacy



Original Color

74.0566, 75.3364, 84.0370

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1034, 76.0545, 83.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0566, 75.3364, 84.0370 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(234, 222, 228) looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 228)  
}
```

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(234, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.0566, 75.3364, 84.0370 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(234, 222, 228) }
```


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

```
.border{ border-color:rgb(234, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0566, 75.3364, 84.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 228) }
```

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

```
.background{ background-color: rgb(234,  
222, 228) }
```

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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