

Converting Colors

XYZ(74.5147, 75.4881, 87.0424)

Have a look what the booklet for
XYZ(74.5147, 75.4881, 87.0424)
contains.

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Color

**XYZ(74.6184, 75.5612,
86.9959)**

Conversions

Conversions Part 1

Format	Color
Hex	EADEE8
RGB	234, 222, 232
RGB Percent	92%, 87%, 91%
CMY	0.0823, 0.1294, 0.0902
CMYK	0.00, 0.05, 0.01, 0.08
HSL	310°, 22%, 89%
HSV	310°, 5%, 92%
XYZ	74.6184, 75.5612, 86.9959
YIQ	226.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

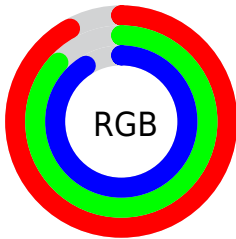
Format	Color
R_YB	234, 222, 232
Decimal	15392488
CIE Lab	89.66, 5.84, -3.42
CIE LCh	90, 6.770, 329.651
Yxy	75.5612, 0.3146, 0.3186
Android (android.graphics.Color)	4293582568 (0xFFEADDE8)
YUV	226.7280, 2.5991, 6.3775
Hunter-Lab	86.9259, 1.1064, 1.5104

Details

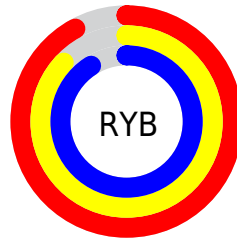
The XYZ color **74.6184, 75.5612, 86.9959** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0044, 79.7589, 82.0721**, and the grayscale version is **72.7977, 76.5888, 83.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0153, 40.2370, 46.7318** is the 20% darker color. If you saturate the color by 10%, you get **68.2824, 63.7652, 82.1811**, and if you desaturate by 10%, it is **81.8335, 89.0937, 92.1663**.

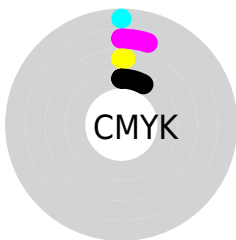
Distribution



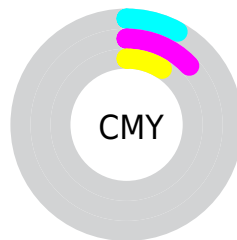
- Red (92%)
- Green (87%)
- Blue (91%)



- Red (92%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6184, 75.5612, 86.9959 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 74.6184, 75.5612, 86.9959 by changing the saturation by 10% instead.

74.6184, 75.5612,
86.9959

74.6184, 75.5612,
86.9959

465.6224,
479.8443, 538.5253

55.5934, 56.0728,
64.9322

124.7628,
127.1064, 145.0572

40.1127, 40.2613,
46.9551

156.6130,
159.9321, 181.8920

27.8111, 27.7423,
32.6461

193.4689,
197.9722, 224.4875

18.3230, 18.1315,
21.5866

235.6959,
241.6112, 273.2623

11.2832, 11.0444,
13.3580

283.6594,
291.2335, 328.6349

6.3264, 6.0967,
7.5419

337.7248,

3.0871, 2.9040,

347.2236, 391.0239

3.7197

398.2573,
409.9657, 460.8479

■ 1.2000, 1.0818,
1.4729

■ 0.1063, 0.0000,
0.1976

■ 74.6184, 75.5612,
86.9959

■ 74.6184, 75.5612,
86.9959

■ 68.2824, 63.7652,
82.1811

■ 81.8335, 89.0937,
92.1663

■ 62.7837, 53.6253,
77.7048

■ 85.3910, 95.2922,
96.1776

■ 58.0866, 45.0691,
73.5556

■ 85.9763, 95.5263,
99.2596

■ 54.1504, 38.0154,
69.7195

■ 86.5741, 95.7655,
102.4076

50.9307, 32.3754,
66.1814

87.1846, 96.0096,
105.6221

48.3784, 28.0513,
62.9245

87.7421, 96.2326,
108.5580

46.4382, 24.9325,
59.9299

45.0458, 22.8906,
57.1758

44.1223, 21.7677,
54.6355

Harmonies

Analogous

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



73.4149, 75.5612, 90.5057



74.6184, 75.5612, 86.9959



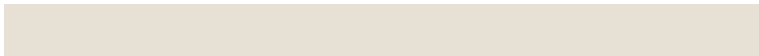
75.0695, 75.5612, 82.3292

Triad

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



74.6184, 75.5612, 86.9959



71.8382, 75.5612, 73.4368



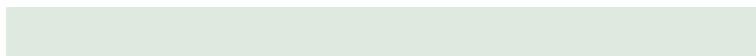
69.0708, 75.5612, 86.8954

Complementary

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



74.6184, 75.5612, 86.9959



73.0044, 79.7589, 82.0721

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.



68.6630, 75.5612, 82.2174



74.6184, 75.5612, 86.9959



70.2457, 75.5612, 74.5559

Square

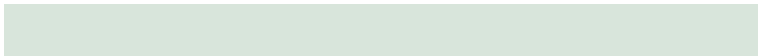
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6184, 75.5612, 86.9959



73.4493, 75.5612, 74.6082



69.0898, 75.5612, 77.7248



70.2124, 75.5612, 90.4462

Rectangle

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



74.6184, 75.5612, 86.9959



74.8776, 75.5612, 79.2268



69.0898, 75.5612, 77.7248



68.8442, 75.5612, 85.3969

Sweetspot

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



74.6206, 75.5645, 86.9975



93.3079, 96.7344, 107.6455



71.7162, 74.0342, 88.3530



19.9900, 20.7393, 23.0538



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.



74.6206, 75.5645, 86.9975



89.9539, 90.4605, 105.1889



73.7829, 75.2294, 82.5865



16.0030, 16.0184, 18.7504



24.6430, 12.0599, 30.2511



1.9637, 0.9584, 2.5262

Inverse Universe

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



74.6206, 75.5645, 86.9975



89.9539, 90.4605, 105.1889



73.8324, 80.0901, 86.4325



16.0030, 16.0184, 18.7504



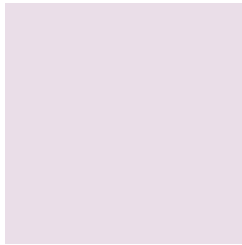
24.6430, 12.0599, 30.2511



1.9637, 0.9584, 2.5262

Previews

White Background



This preview shows how the XYZ color 74.6184, 75.5612, 86.9959 looks on a white background.

Color Contrast Check

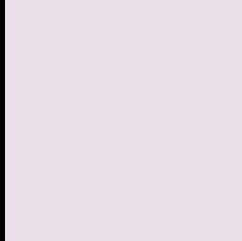
Large Text (above 18pt) WCAG AA × Fail

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 74.6184, 75.5612, 86.9959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

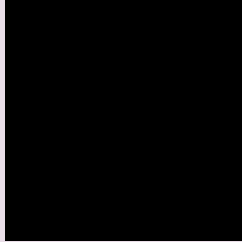
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

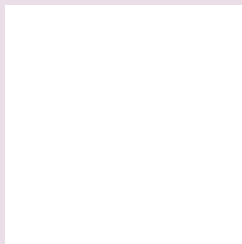
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6184, 75.5612, 86.9959

Background



This preview shows how black text looks on a background with the XYZ color 74.6184, 75.5612, 86.9959.



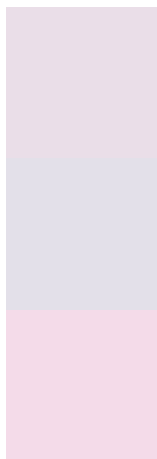
This preview shows how white text looks on a background with the XYZ color 74.6184, 75.5612,

86.9959.

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

74.6184, 75.5612, 86.9959

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

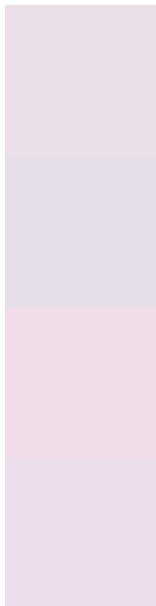
77.3477, 75.7793, 87.6410



Tritanopia

75.5500, 75.5481, 91.4893

Trichromacy



Original Color

74.6184, 75.5612, 86.9959

Protanomaly

73.7288, 75.4815, 87.7743

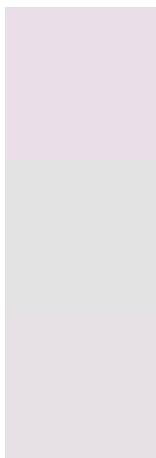
Deuteranomaly

76.2364, 75.5949, 87.6640

Tritanomaly

75.2577, 75.4312, 89.9500

Monochromacy



Original Color

74.6184, 75.5612, 86.9959

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7012, 76.3306, 84.9775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6184, 75.5612, 86.9959 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, 232) looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.6184, 75.5612, 86.9959 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, 232) }
```


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

```
.border{ border-color:rgb(234, 222, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6184, 75.5612, 86.9959 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, 232) }
```

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

```
.background{ background-color: rgb(234,  
222, 232) }
```

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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