

Converting Colors

XYZ(73.6829, 75.1115, 85.4774)

Have a look what the booklet for
XYZ(73.6829, 75.1115, 85.4774)
contains.

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Color

**XYZ(73.6829, 75.1115,
85.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DEE6
RGB	232, 222, 230
RGB Percent	91%, 87%, 90%
CMY	0.0902, 0.1294, 0.0980
CMYK	0.00, 0.04, 0.01, 0.09
HSL	312°, 18%, 89%
HSV	312°, 4%, 91%
XYZ	73.6829, 75.1115, 85.4774
YIQ	225.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

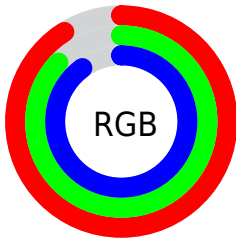
Format	Color
R _Y B	232, 222, 230
Decimal	15261414
CIE Lab	89.45, 4.81, -2.70
CIE LCh	89, 5.516, 330.733
Yxy	75.1115, 0.3145, 0.3206
Android (android.graphics.Color)	4293451494 (0xFFE8DEE6)
YUV	225.9020, 2.0203, 5.3479
Hunter-Lab	86.6669, 0.0910, 2.1906

Details

The XYZ color **73.6829, 75.1115, 85.4774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4382, 78.6266, 81.8834**, and the grayscale version is **72.2039, 75.9641, 82.7249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4611, 39.9627, 46.1912** is the 20% darker color. If you saturate the color by 10%, you get **67.2976, 63.3693, 80.1764**, and if you desaturate by 10%, it is **80.9377, 88.5629, 91.1557**.

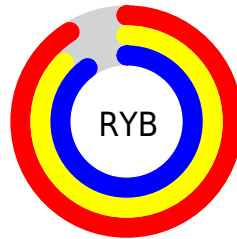
Distribution



Red (91%)

Green (87%)

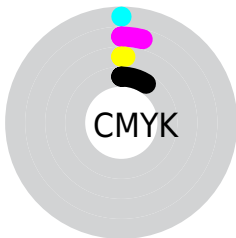
Blue (90%)



Red (91%)

Yellow (87%)

Blue (90%)

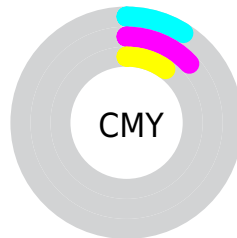


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6829, 75.1115, 85.4774 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 73.6829, 75.1115, 85.4774 by changing the saturation by 10% instead.

73.6829, 75.1115,
85.4774

73.6829, 75.1115,
85.4774

462.4455,
478.3007, 533.3922

54.8249, 55.7042,
63.6835

123.4441,
126.4702, 142.9201

39.4948, 39.9658,
45.9498

155.0780,
159.1904, 179.4059

27.3274, 27.5119,
31.8579

191.7013,
197.1170, 221.6261

17.9571, 17.9581,
20.9890

233.6793,
240.6345, 269.9993

11.0187, 10.9199,
12.9248

281.3774,
290.1272, 324.9440

6.1468, 6.0130,
7.2467

335.1608,

2.9760, 2.8530,

345.9796, 386.8786

3.5361

395.3951,
408.5759, 456.2218

■ 1.1411, 1.0555,
1.3744

■ 0.0591, 0.0000,
0.1217

■ 73.6829, 75.1115,
85.4774

■ 73.6829, 75.1115,
85.4774

■ 67.2976, 63.3693,
80.1764

■ 80.9377, 88.5629,
91.1557

■ 61.7408, 53.2575,
75.2356

■ 84.6613, 94.9249,
95.7424

■ 56.9778, 44.7060,
70.6437

■ 85.3572, 95.2032,
99.4067

■ 52.9689, 37.6356,
66.3869

■ 86.0708, 95.4887,
103.1645

■ 49.6709, 31.9600,
62.4500

■ 86.8023, 95.7813,
107.0165

■ 47.0361, 27.5841,
58.8165

■ 87.0892, 95.8960,
108.5274

■ 45.0110, 24.4011,
55.4678

■ 43.5333, 22.2868,
52.3824

■ 42.5273, 21.0898,
49.5345

Harmonies

Analogous

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



72.7279, 75.1115, 88.3510



73.6829, 75.1115, 85.4774



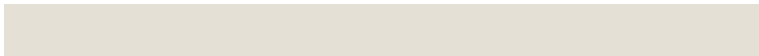
74.0221, 75.1115, 81.6885

Triad

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



73.6829, 75.1115, 85.4774



71.3580, 75.1115, 74.5633



69.1801, 75.1115, 85.6473

Complementary

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



73.6829, 75.1115, 85.4774



72.4382, 78.6266, 81.8834

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.



68.8235, 75.1115, 81.8789



73.6829, 75.1115, 85.4774



70.0711, 75.1115, 75.5501

Square

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



73.6829, 75.1115, 85.4774



72.6696, 75.1115, 75.4599



69.1476, 75.1115, 78.1979



70.1279, 75.1115, 88.4512

Rectangle

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



73.6829, 75.1115, 85.4774



73.8500, 75.1115, 79.1765



69.1476, 75.1115, 78.1979



68.9877, 75.1115, 84.4475

Sweetspot

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



73.6850, 75.1147, 85.4790



94.1599, 98.3510, 108.1986



71.4303, 73.9197, 86.8482



20.1635, 21.0685, 23.1664



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.



73.6850, 75.1147, 85.4790



90.7086, 91.9700, 105.4402



72.9931, 74.8380, 81.8352



15.3874, 15.5252, 17.9186



23.4169, 11.5010, 26.8880



1.7619, 0.8625, 2.1529

Inverse Universe

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



73.6850, 75.1147, 85.4790



90.7086, 91.9700, 105.4402



73.1261, 78.9018, 85.5061



15.3874, 15.5252, 17.9186



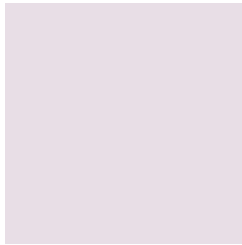
23.4169, 11.5010, 26.8880



1.7619, 0.8625, 2.1529

Previews

White Background



This preview shows how the XYZ color 73.6829, 75.1115, 85.4774 looks on a white background.

Color Contrast Check

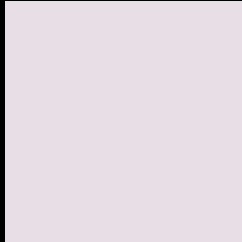
Large Text (above 18pt) WCAG AA × Fail

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 73.6829, 75.1115, 85.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

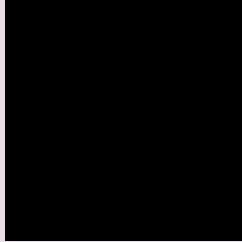
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

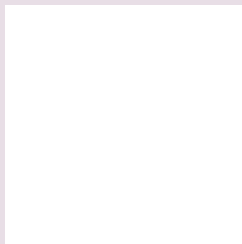
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6829, 75.1115, 85.4774

Background



This preview shows how black text looks on a background with the XYZ color 73.6829, 75.1115, 85.4774.



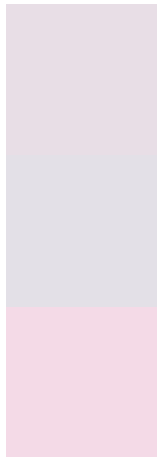
This preview shows how white text looks on a background with the XYZ color 73.6829, 75.1115,

85.4774.

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

73.6829, 75.1115, 85.4774

Protanopia

72.7580, 75.4117, 86.3225

Deuteranopia

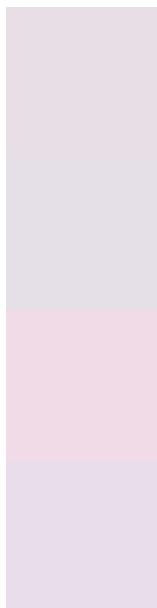
76.8034, 75.1454, 86.0578



Tritanopia

74.8933, 75.2096, 91.4585

Trichromacy



Original Color

73.6829, 75.1115, 85.4774

Protanomaly

73.1246, 75.2029, 86.2628

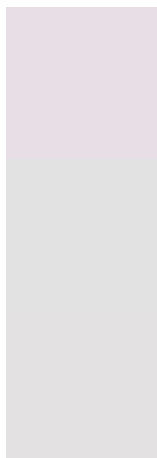
Deuteranomaly

75.6905, 74.9578, 86.0803

Tritanomaly

74.4561, 75.0347, 89.1561

Monochromacy



Original Color

73.6829, 75.1115, 85.4774

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7853, 75.8905, 83.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6829, 75.1115, 85.4774 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(232, 222, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 230)  
}
```

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(232, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.6829, 75.1115, 85.4774 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(232, 222, 230) }
```


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

```
.border{ border-color:rgb(232, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6829, 75.1115, 85.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 230) }
```

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

```
.background{ background-color: rgb(232,  
222, 230) }
```

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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