

Converting Colors

XYZ(73.8486, 75.0663, 91.4871)

Have a look what the booklet for
XYZ(73.8486, 75.0663, 91.4871)
contains.

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Color

**XYZ(73.8670, 75.0736,
91.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DEEE
RGB	229, 222, 238
RGB Percent	90%, 87%, 93%
CMY	0.1020, 0.1294, 0.0667
CMYK	0.04, 0.07, 0.00, 0.07
HSL	266°, 32%, 90%
HSV	266°, 7%, 93%
XYZ	73.8670, 75.0736, 91.4864
YIQ	225.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

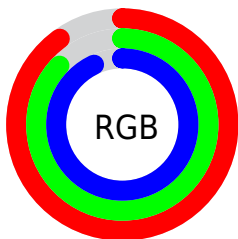
Format	Color
R _Y B	229, 222, 238
Decimal	15064814
CIE Lab	89.43, 5.27, -6.95
CIE LCh	89, 8.725, 307.163
Yxy	75.0736, 0.3072, 0.3123
Android (android.graphics.Color)	4293254894 (0xFFE5DEEE)
YUV	225.9170, 5.9569, 2.7038
Hunter-Lab	86.6450, 0.5468, -1.9514

Details

The XYZ color **73.8670, 75.0736, 91.4864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7171, 83.4139, 81.1680**, and the grayscale version is **72.1895, 75.9489, 82.7084**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7178, 40.0135, 49.8860** is the 20% darker color. If you saturate the color by 10%, you get **63.8781, 61.1950, 89.3352**, and if you desaturate by 10%, it is **85.0822, 90.9131, 93.9538**.

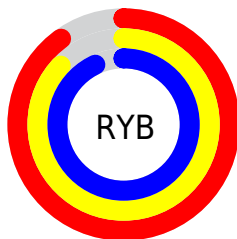
Distribution



Red (90%)

Green (87%)

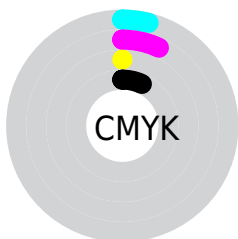
Blue (93%)



Red (90%)

Yellow (87%)

Blue (93%)

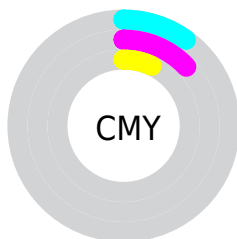


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8670, 75.0736, 91.4864 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 73.8670, 75.0736, 91.4864 by changing the saturation by 10% instead.

73.8670, 75.0736,
91.4864

73.8670, 75.0736,
91.4864

463.0716,
478.1705, 553.5487

54.9761, 55.6732,
68.6335

123.7038,
126.4165, 151.3549

39.6163, 39.9410,
49.9434

155.3803,
159.1279, 189.2075

27.4224, 27.4925,
34.9975

192.0495,
197.0449, 232.8971

18.0289, 17.9435,
23.3774

234.0766,
240.5522, 282.8422

11.0706, 10.9094,
14.6645

281.8270,
290.0339, 339.4614

6.1820, 6.0059,
8.4403

335.6661,

2.9978, 2.8487,

345.8747, 403.1731

4.2862

395.9592,
408.4587, 474.3961

■ 1.1526, 1.0533,
1.7836

■ 0.0684, 0.0000,
0.4171

■ 73.8670, 75.0736,
91.4864

■ 73.8670, 75.0736,
91.4864

■ 63.8781, 61.1950,
89.3352

■ 85.0822, 90.9131,
93.9538

■ 55.0642, 49.1894,
87.4824

■ 92.4328, 98.9531,
95.1182

■ 47.3802, 38.9765,
85.9161

■ 40.7752, 30.4665,
84.6216

■ 35.1940, 23.5611,
83.5829

■ 30.5760, 18.1522,
82.7823

■ 26.8533, 14.1173,
82.1997

■ 23.9476, 11.3137,
81.8117

■ 21.7614, 9.5614,
81.5887

Harmonies

Analogous

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



71.8690, 75.0736, 93.9867



73.8670, 75.0736, 91.4864



75.2106, 75.0736, 86.3965

Triad

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



73.8670, 75.0736, 91.4864



72.9623, 75.0736, 71.3668



67.3543, 75.0736, 83.2190

Complementary

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



73.8670, 75.0736, 91.4864



76.7171, 83.4139, 81.1680

Split Complementary

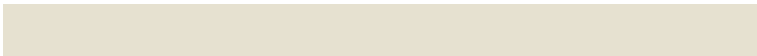
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6339, 75.0736, 77.2585



73.8670, 75.0736, 91.4864



70.8439, 75.0736, 70.6106

Square

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



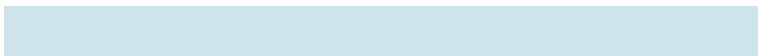
73.8670, 75.0736, 91.4864



74.6810, 75.0736, 74.8358



68.9010, 75.0736, 72.7160



68.1296, 75.0736, 89.0614

Rectangle

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



73.8670, 75.0736, 91.4864



75.5395, 75.0736, 82.3263



68.9010, 75.0736, 72.7160



67.3283, 75.0736, 81.1612

Sweetspot

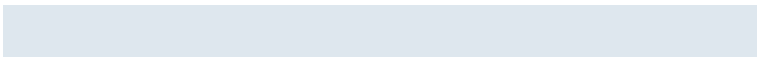
The Sweet Spot groups the original color and five complimentary colors.



73.8692, 75.0768, 91.4880



92.3968, 96.2489, 108.3158



74.1541, 78.8945, 92.2099



19.8046, 20.6405, 23.1902



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.



73.8692, 75.0768, 91.4880



84.7867, 85.5557, 106.6529



76.4589, 76.4119, 91.6092



15.5532, 15.5669, 19.9066



11.9438, 5.1626, 45.4949



1.1058, 0.4873, 3.7900

Inverse Universe

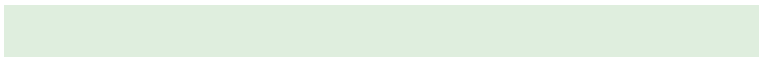
The Inverse Universe completely reimagines the original color for something new.



75.8076, 76.1926, 86.3162



87.4804, 87.1064, 99.4536



74.2140, 82.1235, 81.0509



16.1453, 15.9078, 18.3212



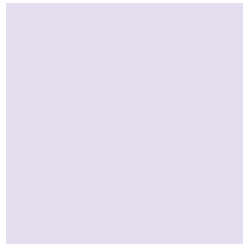
22.1346, 11.1263, 13.8911



1.8913, 0.9456, 1.4184

Previews

White Background



This preview shows how the XYZ color 73.8670, 75.0736, 91.4864 looks on a white background.

Color Contrast Check

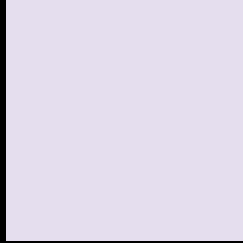
Large Text (above 18pt) WCAG AA × Fail

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 73.8670, 75.0736, 91.4864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

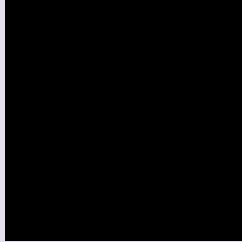
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

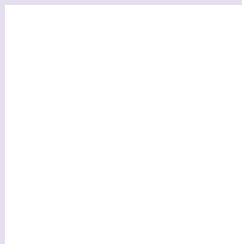
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8670, 75.0736, 91.4864

Background



This preview shows how black text looks on a background with the XYZ color 73.8670, 75.0736, 91.4864.



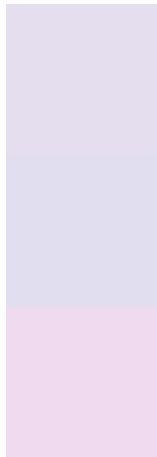
This preview shows how white text looks on a background with the XYZ color 73.8670, 75.0736,

91.4864.

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

73.8670, 75.0736, 91.4864

Protanopia

73.0190, 75.0149, 92.2922

Deuteranopia

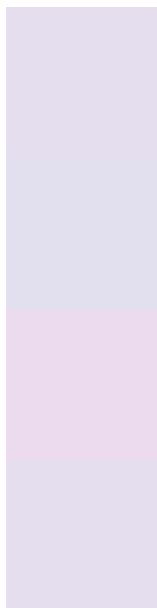
76.5866, 74.9001, 92.0820



Tritanopia

74.0144, 75.1326, 92.2624

Trichromacy



Original Color

73.8670, 75.0736, 91.4864

Protanomaly

73.3317, 75.1761, 92.3068

Deuteranomaly

75.5036, 74.7279, 92.1058

Tritanomaly

74.0144, 75.1326, 92.2624

Monochromacy



Original Color

73.8670, 75.0736, 91.4864

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8867, 75.8945, 85.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8670, 75.0736, 91.4864 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(229, 222, 238) looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 238)  
}
```

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(229, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 238) }
```

Border

The CSS property to change the border of an element to XYZ 73.8670, 75.0736, 91.4864 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(229, 222, 238) }
```


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

```
.border{ border-color:rgb(229, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8670, 75.0736, 91.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 238) }
```

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

```
.background{ background-color: rgb(229,  
222, 238) }
```

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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