

Converting Colors

XYZ(75.4007, 74.3887, 90.6199)

Have a look what the booklet for
XYZ(75.4007, 74.3887, 90.6199)
contains.

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Color

**XYZ(75.2825, 74.2618,
90.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDAED
RGB	237, 218, 237
RGB Percent	93%, 85%, 93%
CMY	0.0706, 0.1451, 0.0706
CMYK	0.00, 0.08, 0.00, 0.07
HSL	300°, 35%, 89%
HSV	300°, 8%, 93%
XYZ	75.2825, 74.2618, 90.4869
YIQ	225.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

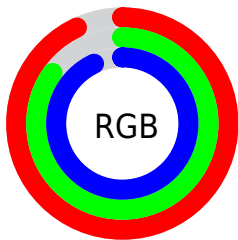
Format	Color
R_{YB}	237, 218, 237
Decimal	15588077
CIE Lab	89.05, 9.83, -6.92
CIE LCh	89, 12.024, 324.859
Yxy	74.2618, 0.3136, 0.3094
Android (android.graphics.Color)	4293778157 (0xFFEDDAED)
YUV	225.8470, 5.4984, 9.7812
Hunter-Lab	86.1753, 5.1304, -1.9338

Details

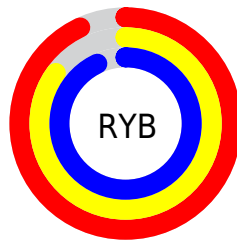
The XYZ color **75.2825, 74.2618, 90.4869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8554, 80.5378, 78.0917**, and the grayscale version is **72.1390, 75.8958, 82.6505**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4937, 39.3543, 49.1780** is the 20% darker color. If you saturate the color by 10%, you get **69.5716, 62.8390, 88.5842**, and if you desaturate by 10%, it is **81.8764, 87.4485, 92.6858**.

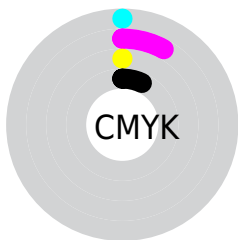
Distribution



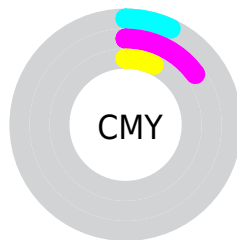
- Red (93%)
- Green (85%)
- Blue (93%)



- Red (93%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2825, 74.2618, 90.4869 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 75.2825, 74.2618, 90.4869 by changing the saturation by 10% instead.


 75.2825, 74.2618,
90.4869

 75.2825, 74.2618,
90.4869


467.8702,
475.3764, 550.2244

 56.1393, 55.0083,
67.8086


125.6979,
125.2669, 149.9560

 40.5521, 39.4084,
49.2763


157.7009,
157.7872, 187.5838

 28.1554, 27.0776,
34.4716


194.7213,
195.4987, 231.0318

 18.5839, 17.6315,
22.9758

237.1243,
238.7857, 280.7186

 11.4722, 10.6857,
14.3705

285.2753,
288.0326, 337.0627

 6.4550, 5.8559,
8.2371

339.5398,

 3.1670, 2.7577,

343.6237, 400.4827

4.1571

400.2829,
405.9435, 471.3971

■ 1.2427, 1.0066,
1.7119

■ 0.1397, 0.0000,
0.3689

■ 75.2825, 74.2618,
90.4869

■ 75.2825, 74.2618,
90.4869

■ 69.5716, 62.8390,
88.5842

■ 81.8764, 87.4485,
92.6858

■ 64.7002, 53.0962,
86.9604

■ 85.9718, 95.6393,
94.0509

■ 60.6307, 44.9572,
85.6039

■ 85.9718, 95.6393,
94.0509

■ 57.3202, 38.3361,
84.5004

■ 85.9718, 95.6393,
94.0509

54.7216, 33.1389,
83.6342

85.9718, 95.6393,
94.0509

52.7827, 29.2613,
82.9879

85.9719, 95.6393,
94.0509

51.4444, 26.5846,
82.5418

85.9719, 95.6393,
94.0509

50.6366, 24.9691,
82.2725

85.9719, 95.6393,
94.0509

50.2628, 24.2214,
82.1479

85.9719, 95.6393,
94.0509

Harmonies

Analogous

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



72.9740, 74.2618, 96.3688



75.2825, 74.2618, 90.4869



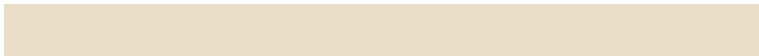
76.3337, 74.2618, 82.3103

Triad

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



75.2825, 74.2618, 90.4869



71.0887, 74.2618, 65.8560



65.6033, 74.2618, 87.8192

Complementary

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



75.2825, 74.2618, 90.4869



71.8554, 80.5378, 78.0917

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.



65.1298, 74.2618, 79.4239



75.2825, 74.2618, 90.4869



68.2460, 74.2618, 67.1086

Square

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



75.2825, 74.2618, 90.4869



73.8700, 74.2618, 68.3913



66.0844, 74.2618, 71.9385



67.3961, 74.2618, 94.7556

Rectangle

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



75.2825, 74.2618, 90.4869



76.1595, 74.2618, 76.7986



66.0844, 74.2618, 71.9385



65.2867, 74.2618, 85.0589

Sweetspot

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



75.2847, 74.2650, 90.4885



93.4445, 96.7891, 108.3648



69.3564, 71.3309, 90.2346



20.0178, 20.7505, 23.2001



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.



75.2847, 74.2650, 90.4885



87.4479, 84.7957, 106.3660



73.9770, 73.7420, 83.6025



15.7149, 15.3138, 19.0498



27.4134, 13.1680, 44.8398



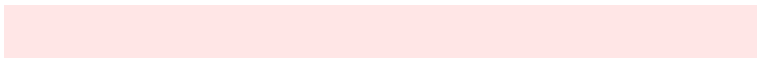
2.1526, 1.0340, 3.5210

Inverse Universe

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



72.6540, 73.2128, 76.6357



83.6107, 83.2608, 86.1595



73.0907, 81.0319, 84.5968



15.0655, 15.0541, 15.6304



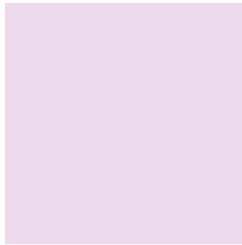
19.0678, 9.8298, 0.8924



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 75.2825, 74.2618, 90.4869 looks on a white background.

Color Contrast Check

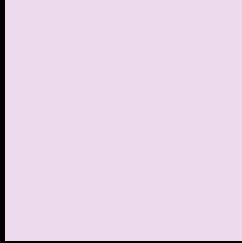
Large Text (above 18pt) WCAG AA × Fail

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 75.2825, 74.2618, 90.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

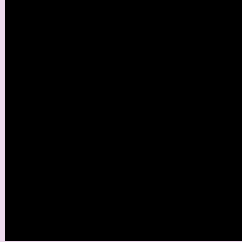
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2825, 74.2618, 90.4869

Background



This preview shows how black text looks on a background with the XYZ color 75.2825, 74.2618, 90.4869.



This preview shows how white text looks on a background with the XYZ color 75.2825, 74.2618,

90.4869.

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

75.2825, 74.2618, 90.4869

Protanopia

72.2809, 74.2218, 92.9547

Deuteranopia

75.6955, 74.0909, 90.4321



Tritanopia

74.9919, 74.1455, 88.9563

Trichromacy



Original Color

75.2825, 74.2618, 90.4869

Protanomaly

73.4313, 74.4389, 92.1592

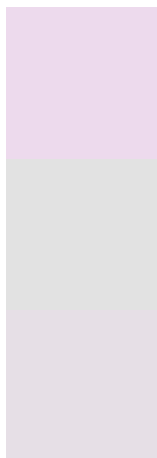
Deuteranomaly

75.3588, 73.9173, 90.4164

Tritanomaly

75.1368, 74.2035, 89.7194

Monochromacy



Original Color

75.2825, 74.2618, 90.4869

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3037, 75.3115, 85.5360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2825, 74.2618, 90.4869 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(237, 218, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 237)  
}
```

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(237, 218, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.2825, 74.2618, 90.4869 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(237, 218, 237) }
```


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

```
.border{ border-color:rgb(237, 218, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2825, 74.2618, 90.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 237) }
```

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

```
.background{ background-color: rgb(237,  
218, 237) }
```

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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