

Converting Colors

XYZ(74.3038, 76.1486, 89.3731)

Have a look what the booklet for
XYZ(74.3038, 76.1486, 89.3731)
contains.

XYZ(74.2842, 76.1325, 89.3771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2842, 76.1325,
89.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E0EB
RGB	230, 224, 235
RGB Percent	90%, 88%, 92%
CMY	0.0980, 0.1215, 0.0784
CMYK	0.02, 0.05, 0.00, 0.08
HSL	273°, 22%, 90%
HSV	273°, 5%, 92%
XYZ	74.2842, 76.1325, 89.3771
YIQ	227.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

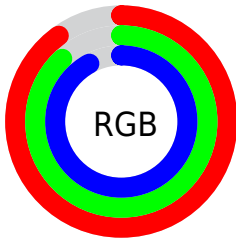
Format	Color
R _Y B	230, 224, 235
Decimal	15130859
CIE Lab	89.92, 4.01, -4.64
CIE LCh	90, 6.132, 310.815
Yxy	76.1325, 0.3098, 0.3175
Android (android.graphics.Color)	4293320939 (0xFFE6E0EB)
YUV	227.0480, 3.9203, 2.5889
Hunter-Lab	87.2539, -0.7273, 0.3450

Details

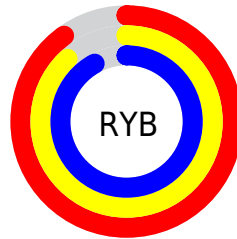
The XYZ color **74.2842, 76.1325, 89.3771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4788, 81.4585, 82.2698**, and the grayscale version is **73.0229, 76.8257, 83.6632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0038, 40.7446, 48.4039** is the 20% darker color. If you saturate the color by 10%, you get **65.0758, 62.6504, 87.2613**, and if you desaturate by 10%, it is **84.5801, 91.4752, 91.7970**.

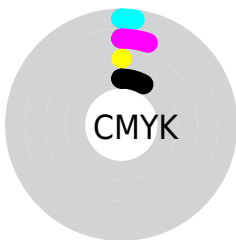
Distribution



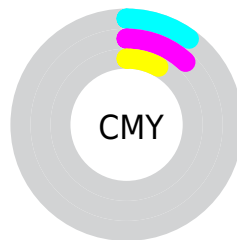
- Red (90%)
- Green (88%)
- Blue (92%)



- Red (90%)
- Yellow (88%)
- Blue (92%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2842, 76.1325, 89.3771 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 74.2842, 76.1325, 89.3771 by changing the saturation by 10% instead.

74.2842, 76.1325,
89.3771

74.2842, 76.1325,
89.3771

464.4888,
481.8011, 546.5202

55.3188, 56.5412,
66.8933

124.2919,
127.9142, 148.4008

39.8919, 40.6370,
48.5369

156.0650,
160.8733, 185.7778

27.6381, 28.0355,
33.8892

192.8379,
199.0572, 228.9563

18.1921, 18.3524,
22.5319

234.9761,
242.8502, 278.3549

11.1885, 11.2033,
14.0462

282.8450,
292.6367, 334.3920

6.2620, 6.2038,
8.0137

336.8098,

3.0472, 2.9694,

348.8011, 397.4862

4.0158

397.2360,
411.7278, 468.0561

■ 1.1788, 1.1158,
1.6340

■ 0.0895, 0.0000,
0.3149

■ 74.2842, 76.1325,
89.3771

■ 74.2842, 76.1325,
89.3771

■ 65.0758, 62.6504,
87.2613

■ 84.5801, 91.4752,
91.7970

■ 56.9089, 50.9461,
85.4326

■ 90.6736, 98.0967,
92.7540

■ 49.7440, 40.9447,
83.8797

■ 91.9956, 98.7782,
92.8158

■ 43.5361, 32.5624,
82.5890

■ 38.2365, 25.7079,
81.5452

■ 33.7919, 20.2805,
80.7319

■ 30.1423, 16.1670,
80.1303

■ 27.2189, 13.2363,
79.7187

■ 24.9382, 11.3282,
79.4706

Harmonies

Analogous

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



72.9101, 76.1325, 91.3709



74.2842, 76.1325, 89.3771



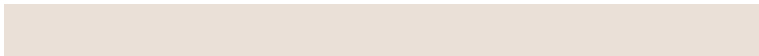
75.1505, 76.1325, 85.6699

Triad

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



74.2842, 76.1325, 89.3771



73.3241, 76.1325, 75.2562



69.5353, 76.1325, 84.4721

Complementary

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



74.2842, 76.1325, 89.3771



75.4788, 81.4585, 82.2698

Split Complementary

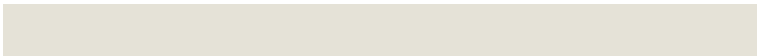
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6427, 76.1325, 80.1814



74.2842, 76.1325, 89.3771



71.8159, 76.1325, 74.9608

Square

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



74.2842, 76.1325, 89.3771



74.5909, 76.1325, 77.5563



70.4726, 76.1325, 76.7348



70.1773, 76.1325, 88.4740

Rectangle

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



74.2842, 76.1325, 89.3771



75.3164, 76.1325, 82.7766



70.4726, 76.1325, 76.7348



69.4852, 76.1325, 83.0142

Sweetspot

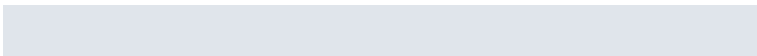
The Sweet Spot groups the original color and five complimentary colors.



74.2864, 76.1358, 89.3788



93.8166, 98.1645, 108.6107



73.7950, 77.9609, 89.7569



20.0936, 21.0306, 23.2502



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.



74.2864, 76.1358, 89.3788



87.8485, 89.3280, 107.2197



75.8613, 76.9538, 89.1763



15.5899, 15.7961, 19.1495



13.4615, 5.9756, 44.1869



1.1677, 0.5263, 3.4749

Inverse Universe

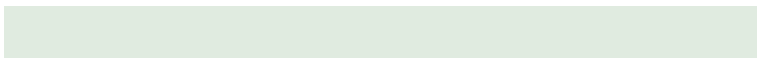
The Inverse Universe completely reimagines the original color for something new.



75.0622, 76.6341, 84.9683



89.0474, 90.0979, 100.4156



73.9560, 80.6677, 82.4583



15.8253, 15.9473, 17.8145



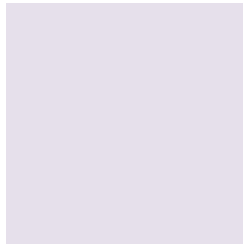
20.6031, 10.4439, 8.9772



1.6658, 0.8393, 0.9575

Previews

White Background



This preview shows how the XYZ color 74.2842, 76.1325, 89.3771 looks on a white background.

Color Contrast Check

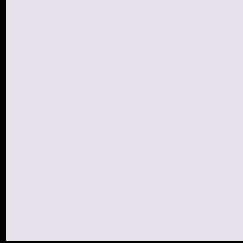
Large Text (above 18pt) WCAG AA × Fail

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 74.2842, 76.1325, 89.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

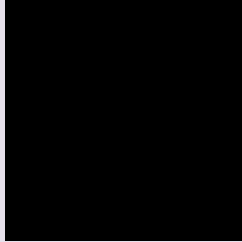
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

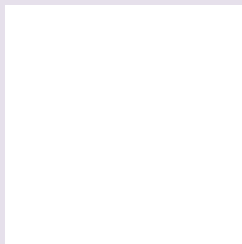
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2842, 76.1325, 89.3771

Background



This preview shows how black text looks on a background with the XYZ color 74.2842, 76.1325, 89.3771.



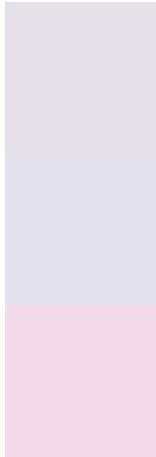
This preview shows how white text looks on a background with the XYZ color 74.2842, 76.1325,

89.3771.

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

74.2842, 76.1325, 89.3771

Protanopia

73.5992, 76.1795, 89.4223

Deuteranopia

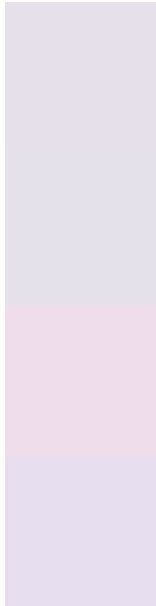
77.7801, 75.9523, 89.9177



Tritanopia

75.2199, 76.1152, 93.9463

Trichromacy



Original Color

74.2842, 76.1325, 89.3771

Protanomaly

73.9155, 76.3426, 89.4371

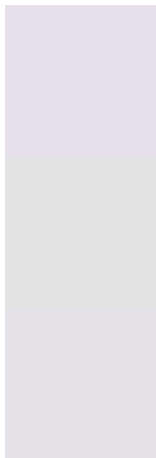
Deuteranomaly

76.5934, 76.1198, 90.0126

Tritanomaly

74.9227, 75.9963, 92.3813

Monochromacy



Original Color

74.2842, 76.1325, 89.3771

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4742, 76.5999, 85.7757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2842, 76.1325, 89.3771 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(230, 224, 235) looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 235)  
}
```

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(230, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.2842, 76.1325, 89.3771 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(230, 224, 235) }
```


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

```
.border{ border-color:rgb(230, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2842, 76.1325, 89.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 235) }
```

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

```
.background{ background-color: rgb(230,  
224, 235) }
```

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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