

Converting Colors

XYZ(74.8178, 78.0015, 85.0417)

Have a look what the booklet for
XYZ(74.8178, 78.0015, 85.0417)
contains.

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Color

**XYZ(74.8413, 78.1329,
85.2653)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4E5
RGB	231, 228, 229
RGB Percent	91%, 89%, 90%
CMY	0.0941, 0.1059, 0.1020
CMYK	0.00, 0.01, 0.01, 0.09
HSL	340°, 6%, 90%
HSV	340°, 1%, 91%
XYZ	74.8413, 78.1329, 85.2653
YIQ	229.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

Format	Color
R _Y B	231, 228, 229
Decimal	15197413
CIE Lab	90.84, 1.19, -0.14
CIE LCh	91, 1.200, 353.381
Yxy	78.1329, 0.3141, 0.3280
Android (android.graphics.Color)	4293387493 (0xFFE7E4E5)
YUV	229.0110, -0.0054, 1.7444
Hunter-Lab	88.3928, -3.5533, 4.6828

Details

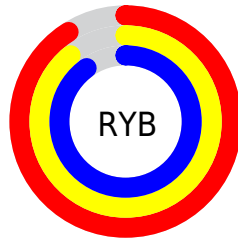
The XYZ color **74.8413, 78.1329, 85.2653** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8567, 79.3611, 86.2399**, and the grayscale version is **74.4855, 78.3645, 85.3390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2627, 42.0571, 46.0402** is the 20% darker color. If you saturate the color by 10%, you get **66.8483, 65.4402, 72.4459**, and if you desaturate by 10%, it is **83.8791, 92.6069, 99.3786**.

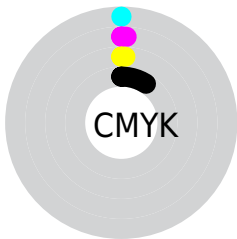
Distribution



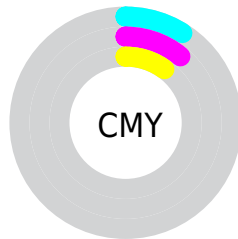
- Red (91%)
- Green (89%)
- Blue (90%)



- Red (91%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8413, 78.1329, 85.2653 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 74.8413, 78.1329, 85.2653 by changing the saturation by 10% instead.

■ 74.8413, 78.1329,
85.2653

■ 74.8413, 78.1329,
85.2653

466.3775,
488.6181, 532.6730

■ 55.7766, 58.1832,
63.5092

125.0768,
130.7375, 142.6212

■ 40.2601, 41.9559,
45.8096

156.9783,
164.1611, 179.0582

■ 27.9265, 29.0668,
31.7480

193.8895,
202.8447, 221.2258

■ 18.4105, 19.1313,
20.9059

236.1757,
247.1729, 269.5426

■ 11.3465, 11.7652,
12.8647

284.2022,
297.5299, 324.4272

■ 6.3694, 6.5840,
7.2058

338.3344,

■ 3.1138, 3.2033,

354.3002, 386.2981

3.5107

398.9378,
417.8681, 455.5738

■ 1.2142, 1.2388,
1.3610

■ 0.1175, 0.0931,
0.1110

■ 74.8413, 78.1329,
85.2653

■ 74.8413, 78.1329,
85.2653

■ 66.8483, 65.4402,
72.4459

■ 83.8791, 92.6069,
99.3786

■ 59.8551, 54.4500,
60.8781

■ 86.7655, 95.7292,
108.5123

■ 53.8231, 45.0922,
50.5244

■ 48.7087, 37.2882,
41.3439

■ 44.4647, 30.9529,
33.2928

■ 41.0396, 25.9926,
26.3247

■ 38.3762, 22.3031,
20.3895

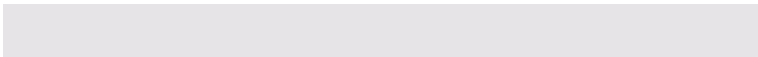
■ 36.4094, 19.7649,
15.4325

■ 35.0621, 18.2350,
11.3925

Harmonies

Analogous

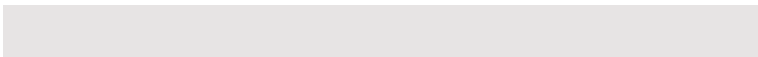
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7300, 78.1329, 86.0693



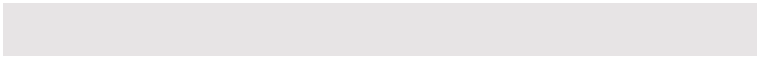
74.8413, 78.1329, 85.2653



74.7973, 78.1329, 84.4152

Triad

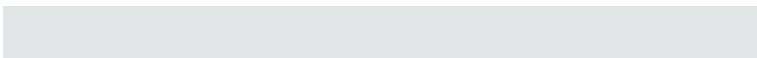
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8413, 78.1329, 85.2653



74.0328, 78.1329, 83.5560



73.9171, 78.1329, 86.4153

Complementary

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



74.8413, 78.1329, 85.2653



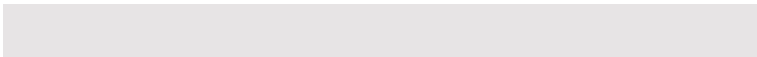
74.8567, 79.3611, 86.2399

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.



73.7312, 78.1329, 85.7351



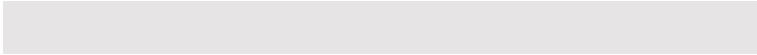
74.8413, 78.1329, 85.2653



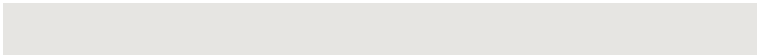
73.7979, 78.1329, 84.0853

Square

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



74.8413, 78.1329, 85.2653



74.3299, 78.1329, 83.4321



73.6876, 78.1329, 84.8819



74.1961, 78.1329, 86.7362

Rectangle

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



74.8413, 78.1329, 85.2653



74.6858, 78.1329, 83.9363



73.6876, 78.1329, 84.8819



73.8417, 78.1329, 86.2208

Sweetspot

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



74.8435, 78.1363, 85.2670

95.0500, 100.0000, 108.9000



74.8030, 78.0829, 86.7315



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

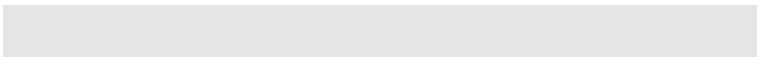
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8435, 78.1363, 85.2670



92.9012, 96.5717, 105.5035



74.8424, 78.3559, 84.5824



15.8748, 16.5141, 18.0380



19.2733, 9.8435, 5.0683



1.4661, 0.7441, 0.5948

Inverse Universe

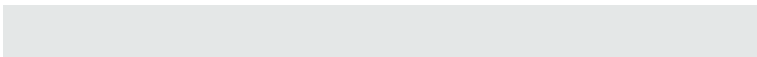
The Inverse Universe completely reimagines the original color for something new.



74.8435, 78.1363, 85.2670



92.9012, 96.5717, 105.5035



74.8575, 79.1381, 86.9323



15.8748, 16.5141, 18.0380



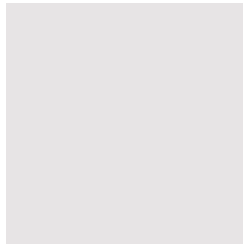
19.2733, 9.8435, 5.0683



1.4661, 0.7441, 0.5948

Previews

White Background



This preview shows how the XYZ color 74.8413, 78.1329, 85.2653 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 74.8413, 78.1329, 85.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

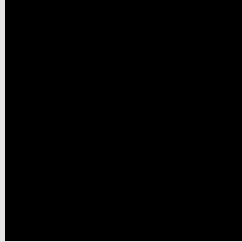
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

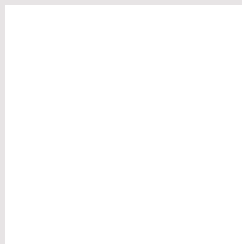
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8413, 78.1329, 85.2653

Background



This preview shows how black text looks on a background with the XYZ color 74.8413, 78.1329, 85.2653.



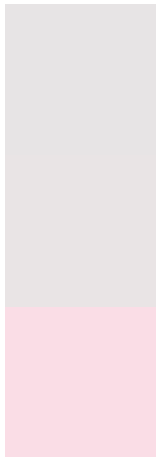
This preview shows how white text looks on a background with the XYZ color 74.8413, 78.1329,

85.2653.

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

74.8413, 78.1329, 85.2653

Protanopia

75.4905, 78.4676, 85.2957

Deuteranopia

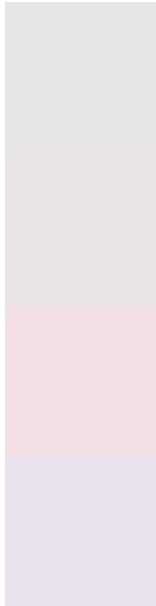
79.5637, 77.7501, 85.6767



Tritanopia

77.1298, 78.2480, 96.6262

Trichromacy



Original Color

74.8413, 78.1329, 85.2653

Protanomaly

75.1650, 78.2998, 85.2805

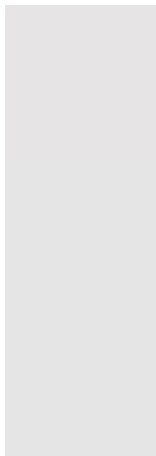
Deuteranomaly

77.9007, 78.0792, 85.8279

Tritanomaly

76.3278, 78.3260, 92.7569

Monochromacy



Original Color

74.8413, 78.1329, 85.2653

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7953, 78.5188, 85.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8413, 78.1329, 85.2653 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(231, 228, 229) looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 229)  
}
```

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(231, 228, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.8413, 78.1329, 85.2653 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(231, 228, 229) }
```

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

```
.border{ border-color:rgb(231, 228, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 228, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 229);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 74.8413, 78.1329, 85.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 229) }
```

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

```
.background{ background-color: rgb(231,  
228, 229) }
```

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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