

Converting Colors

XYZ(74.7852, 81.8430, 92.2511)

Have a look what the booklet for
XYZ(74.7852, 81.8430, 92.2511)
contains.

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Color

**XYZ(74.7837, 81.7429,
91.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEDED
RGB	219, 237, 237
RGB Percent	86%, 93%, 93%
CMY	0.1412, 0.0706, 0.0706
CMYK	0.08, 0.00, 0.00, 0.07
HSL	180°, 33%, 89%
HSV	180°, 8%, 93%
XYZ	74.7837, 81.7429, 91.9572
YIQ	231.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

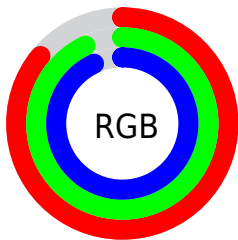
Format	Color
R _Y B	219, 228, 237
Decimal	14413293
CIE Lab	92.46, -5.91, -2.05
CIE LCh	92, 6.256, 199.087
Yxy	81.7429, 0.3010, 0.3290
Android (android.graphics.Color)	4292603373 (0xFFDBEDED)
YUV	231.6180, 2.6533, -11.0660
Hunter-Lab	90.4118, -10.5751, 2.9848

Details

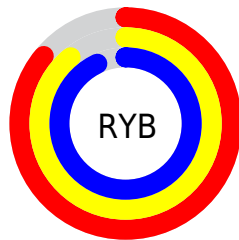
The XYZ color **74.7837, 81.7429, 91.9572** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0458, 73.7843, 77.4136**, and the grayscale version is **76.4048, 80.3838, 87.5379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1742, 44.2765, 50.1449** is the 20% darker color. If you saturate the color by 10%, you get **68.1550, 78.3280, 91.6450**, and if you desaturate by 10%, it is **82.4323, 85.6881, 92.3205**.

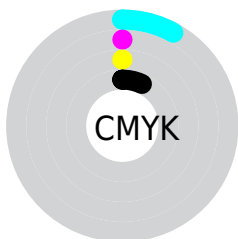
Distribution



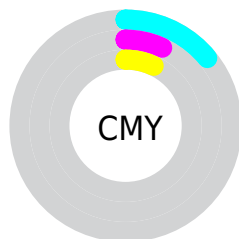
- Red (86%)
- Green (93%)
- Blue (93%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



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



- Cyan (14%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7837, 81.7429, 91.9572 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 74.7837, 81.7429, 91.9572 by changing the saturation by 10% instead.

■ 74.7837, 81.7429,
91.9572

■ 74.7837, 81.7429,
91.9572

466.1824,
500.7873, 555.1107

■ 55.7293, 61.1536,
69.0222

124.9957,
135.8134, 152.0133

■ 40.2220, 44.3492,
50.2580

156.8839,
170.0634, 189.9714

■ 27.8967, 30.9451,
35.2458

193.7808,
209.6358, 233.7744

■ 18.3879, 20.5571,
23.5672

236.0517,
254.9150, 283.8408

■ 11.3302, 12.8006,
14.8037

284.0620,
306.2853, 340.5891

■ 6.3583, 7.2914,
8.5366

338.1769,

■ 3.1069, 3.6450,

364.1312, 404.4378

4.3475

398.7620,
428.8371, 475.8055

■ 1.2105, 1.4770,
1.8179

■ 0.1147, 0.2725,
0.4397

■ 74.7837, 81.7429,
91.9572

■ 74.7837, 81.7429,
91.9572

■ 68.1550, 78.3280,
91.6450

■ 82.4323, 85.6881,
92.3205

■ 62.4964, 75.4110,
91.3765


■ 86.8134, 87.9465,
92.5292

■ 57.7646, 72.9717,
91.1514


■ 86.8141, 87.9468,
92.5330


■ 53.9103, 70.9848,
90.9673

■ 86.8149, 87.9471,
92.5367


 50.8794, 69.4224,
90.8218


 86.8156, 87.9474,
92.5404

 48.6122, 68.2537,
90.7120


 86.8163, 87.9477,
92.5441

 47.0405, 67.4435,
90.6348

 86.8170, 87.9479,
92.5478

 46.0844, 66.9508,
90.5864

 86.8177, 87.9482,
92.5515

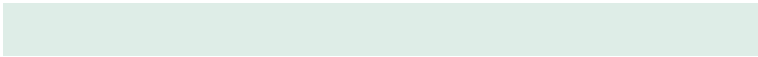
 45.6370, 66.7202,
90.5617

 86.8184, 87.9485,
92.5552

Harmonies

Analogous

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



74.6716, 81.7429, 87.3236



74.7837, 81.7429, 91.9572



75.6693, 81.7429, 95.9267

Triad

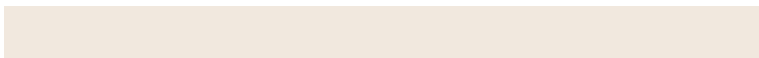
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7837, 81.7429, 91.9572



80.0752, 81.7429, 94.9834



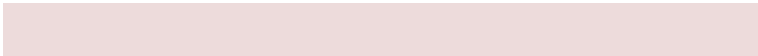
78.2862, 81.7429, 80.5179

Complementary

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



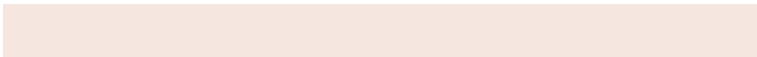
74.7837, 81.7429, 91.9572



73.0458, 73.7843, 77.4136

Split Complementary

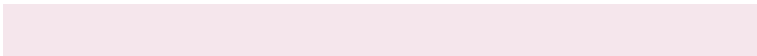
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7549, 81.7429, 82.4228



74.7837, 81.7429, 91.9572



80.7972, 81.7429, 90.7060

Square

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



74.7837, 81.7429, 91.9572



78.7186, 81.7429, 97.7155



80.6792, 81.7429, 86.1150



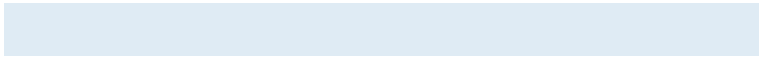
76.6787, 81.7429, 80.8265

Rectangle

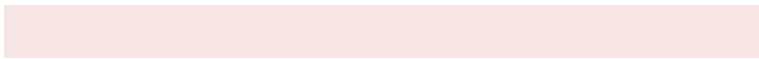
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7837, 81.7429, 91.9572



76.5861, 81.7429, 97.6119



80.6792, 81.7429, 86.1150



78.8129, 81.7429, 80.9179

Sweetspot

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



74.7860, 81.7463, 91.9590



93.1983, 99.0455, 108.8125



72.3765, 80.7930, 78.7991



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

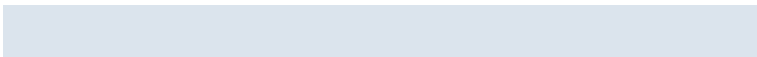
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7860, 81.7463, 91.9590



87.1042, 95.9039, 108.5242



72.3279, 76.8292, 91.1423



15.5176, 17.1219, 19.4085



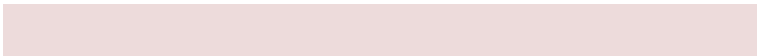
24.8759, 36.4048, 49.4389



1.9534, 2.8587, 3.8824

Inverse Universe

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



73.0458, 73.7843, 77.4136



84.6839, 84.8307, 88.2953



75.3752, 78.4439, 78.1877



15.0657, 15.0541, 15.6311



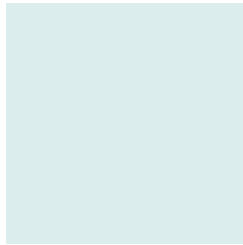
19.0680, 9.8299, 0.8934



1.4973, 0.7719, 0.0704

Previews

White Background



This preview shows how the XYZ color 74.7837, 81.7429, 91.9572 looks on a white background.

Color Contrast Check

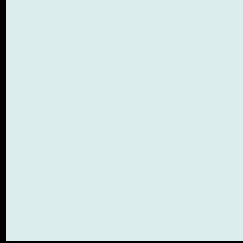
Large Text (above 18pt) WCAG AA × Fail

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 74.7837, 81.7429, 91.9572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

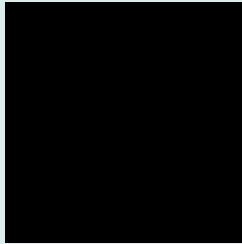
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

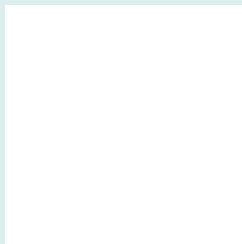
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7837, 81.7429, 91.9572

Background



This preview shows how black text looks on a background with the XYZ color 74.7837, 81.7429, 91.9572.



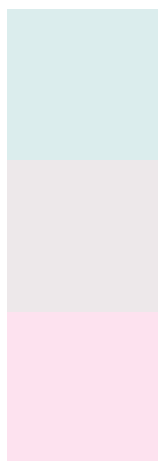
This preview shows how white text looks on a background with the XYZ color 74.7837, 81.7429,

91.9572.

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

74.7837, 81.7429, 91.9572

Protanopia

78.6329, 81.6583, 89.4591

Deuteranopia

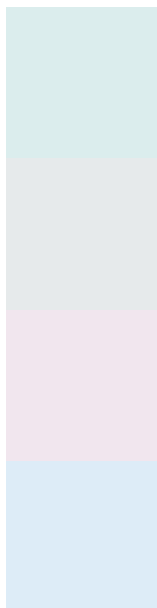
83.2844, 81.5074, 93.0043



Tritanopia

77.5622, 82.0381, 104.6755

Trichromacy



Original Color

74.7837, 81.7429, 91.9572

Protanomaly

77.0513, 81.6668, 90.2995

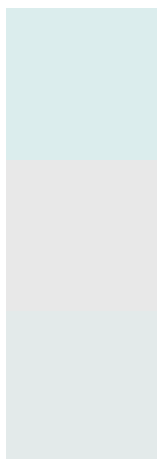
Deuteranomaly

80.0051, 81.4674, 92.3970

Tritanomaly

76.6027, 82.0785, 99.8010

Monochromacy



Original Color

74.7837, 81.7429, 91.9572

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9527, 81.1170, 89.4959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7837, 81.7429, 91.9572 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(219, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 237, 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(219, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.7837, 81.7429, 91.9572 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(219, 237, 237) }
```


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

```
.border{ border-color:rgb(219, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7837, 81.7429, 91.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 237, 237) }
```

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

```
.background{ background-color: rgb(219,  
237, 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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