

Converting Colors

XYZ(72.9347, 77.8305, 82.3485)

Have a look what the booklet for
XYZ(72.9347, 77.8305, 82.3485)
contains.

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Color

**XYZ(72.9388, 78.0374,
82.4526)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E6E1
RGB	225, 230, 225
RGB Percent	88%, 90%, 88%
CMY	0.1176, 0.0980, 0.1176
CMYK	0.02, 0.00, 0.02, 0.10
HSL	120°, 9%, 89%
HSV	120°, 2%, 90%
XYZ	72.9388, 78.0374, 82.4526
YIQ	227.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

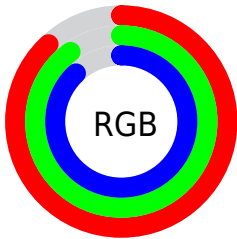
Format	Color
R_{YB}	225, 230, 230
Decimal	14804705
CIE Lab	90.80, -2.57, 1.84
CIE LCh	91, 3.155, 144.410
Yxy	78.0374, 0.3125, 0.3343
Android (android.graphics.Color)	4292994785 (0xFFE1E6E1)
YUV	227.9350, -1.4470, -2.5740
Hunter-Lab	88.3388, -7.2105, 6.4978

Details

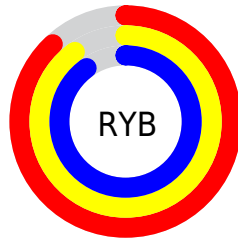
The XYZ color **72.9388, 78.0374, 82.4526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8441, 76.3886, 85.7193**, and the grayscale version is **73.7081, 77.5467, 84.4484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1632, 42.1083, 44.0938** is the 20% darker color. If you saturate the color by 10%, you get **63.3166, 73.4177, 66.7117**, and if you desaturate by 10%, it is **83.9540, 83.3308, 100.4683**.

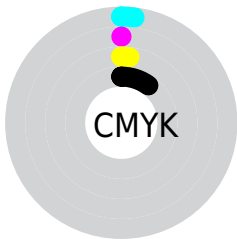
Distribution



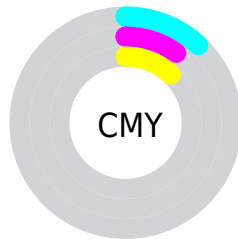
- Red (88%)
- Green (90%)
- Blue (88%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9388, 78.0374, 82.4526 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 72.9388, 78.0374, 82.4526 by changing the saturation by 10% instead.

■ 72.9388, 78.0374,
82.4526

■ 72.9388, 78.0374,
82.4526

459.9097,
488.2938, 523.0835

■ 54.2141, 58.1047,
61.2007

122.3939,
130.6028, 138.6509

■ 39.0042, 41.8928,
43.9555

153.8551,
164.0044, 174.4343

■ 26.9438, 29.0174,
30.2986

190.2924,
202.6643, 215.8987

■ 17.6674, 19.0940,
19.8114

232.0714,
246.9670, 263.4626

■ 10.8097, 11.7382,
12.0753

279.5572,
297.2970, 317.5444

■ 6.0053, 6.5657,
6.6718

333.1153,

■ 2.8890, 3.1920,

354.0385, 378.5629

3.1824

393.1110,
417.5760, 446.9364

■ 1.0953, 1.2328,
1.1885

■ 0.0212, 0.0882,
0.0000

■ 72.9388, 78.0374,
82.4526

■ 72.9388, 78.0374,
82.4526

■ 63.3166, 73.4177,
66.7117

■ 83.9540, 83.3308,
100.4683

■ 55.0258, 69.4352,
53.1503

■ 87.5883, 85.0766,
106.4128

■ 48.0096, 66.0649,
41.6739

■ 42.2049, 63.2767,
32.1793

■ 37.5432, 61.0374,
24.5542

■ 33.9491, 59.3110,
18.6754

■ 31.3380, 58.0567,
14.4046

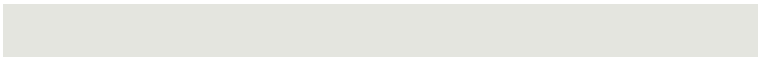
■ 29.6129, 57.2281,
11.5829

■ 28.6569, 56.7689,
10.0192

Harmonies

Analogous

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



73.5437, 78.0374, 81.0536



72.9388, 78.0374, 82.4526



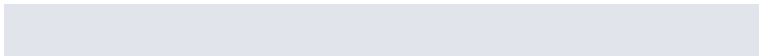
72.6646, 78.0374, 84.5447

Triad

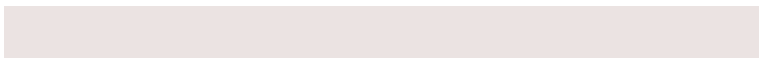
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9388, 78.0374, 82.4526



74.0237, 78.0374, 89.3913



75.5698, 78.0374, 83.1770

Complementary

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



72.9388, 78.0374, 82.4526



73.8441, 76.3886, 85.7193

Split Complementary

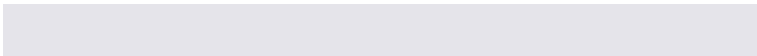
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7005, 78.0374, 85.3956



72.9388, 78.0374, 82.4526



74.8043, 78.0374, 89.0095

Square

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



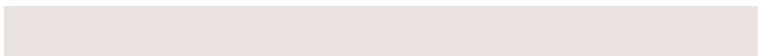
72.9388, 78.0374, 82.4526



73.2881, 78.0374, 88.5713



75.4194, 78.0374, 87.5370



75.0634, 78.0374, 81.4666

Rectangle

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



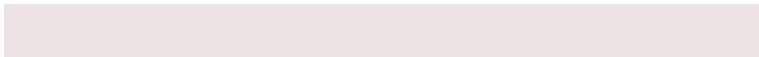
72.9388, 78.0374, 82.4526



72.7048, 78.0374, 86.0612



75.4194, 78.0374, 87.5370



75.6593, 78.0374, 83.8870

Sweetspot

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



72.9410, 78.0407, 82.4543



93.7102, 99.3564, 106.7084



74.5008, 78.8104, 82.5206



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

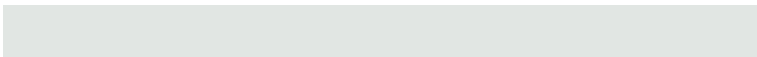
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9410, 78.0407, 82.4543



91.0839, 98.0949, 102.4127



73.2733, 78.1737, 84.2045



15.3758, 16.6591, 17.2027



16.0201, 32.0401, 5.3400



1.1838, 2.3677, 0.3946

Inverse Universe

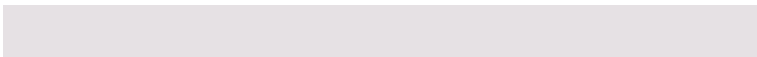
The Inverse Universe completely reimagines the original color for something new.



73.8441, 76.3886, 85.7193



92.6579, 95.2158, 108.1026



73.5068, 76.2537, 83.9427



15.7107, 16.0464, 18.4135



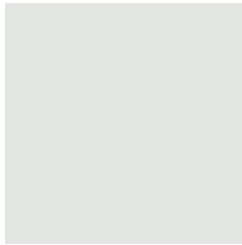
26.5606, 12.7584, 43.4459



1.9627, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 72.9388, 78.0374, 82.4526 looks on a white background.

Color Contrast Check

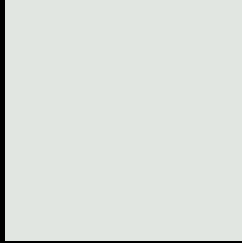
Large Text (above 18pt) WCAG AA × Fail

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 72.9388, 78.0374, 82.4526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

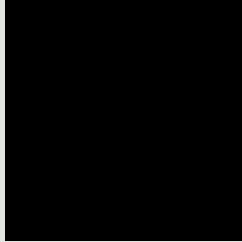
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

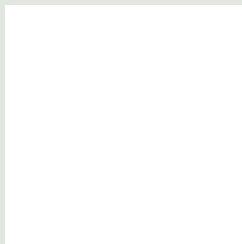
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9388, 78.0374, 82.4526

Background



This preview shows how black text looks on a background with the XYZ color 72.9388, 78.0374, 82.4526.



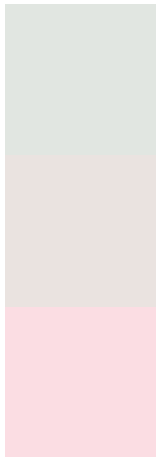
This preview shows how white text looks on a background with the XYZ color 72.9388, 78.0374,

82.4526.

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

72.9388, 78.0374, 82.4526

Protanopia

74.8553, 77.8124, 81.5950

Deuteranopia

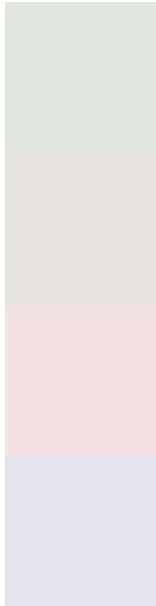
79.5052, 77.7682, 83.4934



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

72.9388, 78.0374, 82.4526

Protanomaly

74.1529, 77.8575, 81.6407

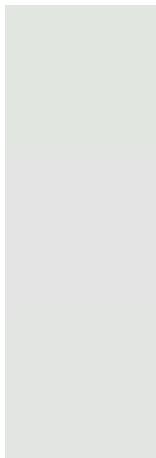
Deuteranomaly

77.0011, 77.6795, 82.8868

Tritanomaly

74.8546, 77.9907, 91.9974

Monochromacy



Original Color

72.9388, 78.0374, 82.4526

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5630, 77.9156, 83.8351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9388, 78.0374, 82.4526 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(225, 230, 225) looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 225)  
}
```

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(225, 230, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.9388, 78.0374, 82.4526 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(225, 230, 225) }
```


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

```
.border{ border-color:rgb(225, 230, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 230, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9388, 78.0374, 82.4526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 225) }
```

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

```
.background{ background-color: rgb(225,  
230, 225) }
```

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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