

Converting Colors

XYZ(72.5407, 77.2440, 84.0461)

Have a look what the booklet for
XYZ(72.5407, 77.2440, 84.0461)
contains.

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Color

**XYZ(72.6249, 77.4320,
83.7912)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E0E5E3 |
| RGB | 224, 229, 227 |
| RGB Percent | 88%, 90%, 89% |
| CMY | 0.1216, 0.1019, 0.1098 |
| CMYK | 0.02, 0.00, 0.01, 0.10 |
| HSL | 156°, 9%, 89% |
| HSV | 156°, 2%, 90% |
| XYZ | 72.6249, 77.4320, 83.7912 |
| YIQ | 227.2770, -2.3380, -1.6820 |

Conversions

Conversions Part 2

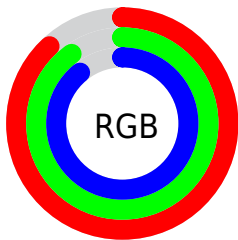
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 227, 229 |
| Decimal | 14738915 |
| CIE Lab | 90.52, -2.03, 0.38 |
| CIE LCh | 91, 2.065, 169.461 |
| Yxy | 77.4320, 0.3106, 0.3311 |
| Android (android.graphics.Color) | 4292928995 (0xFFE0E5E3) |
| YUV | 227.2770, -0.1366, -2.8739 |
| Hunter-Lab | 87.9955, -6.6714, 5.1396 |

Details

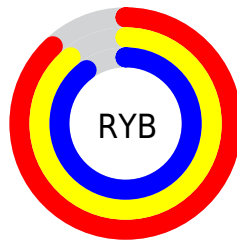
The XYZ color **72.6249, 77.4320, 83.7912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6991, 75.4623, 82.6893**, and the grayscale version is **73.2193, 77.0324, 83.8883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9446, 41.6857, 45.0233** is the 20% darker color. If you saturate the color by 10%, you get **64.7682, 73.5263, 76.9924**, and if you desaturate by 10%, it is **81.5094, 81.8641, 90.9933**.

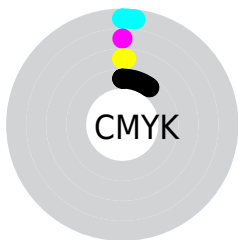
Distribution



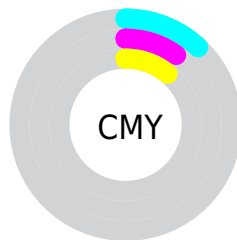
- Red (88%)
- Green (90%)
- Blue (89%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6249, 77.4320, 83.7912 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 72.6249, 77.4320, 83.7912 by changing the saturation by 10% instead.

■ 72.6249, 77.4320,
83.7912

■ 72.6249, 77.4320,
83.7912

458.8377,
486.2357, 527.6595

■ 53.9566, 57.6075,
62.2987

121.9506,
129.7491, 140.5422

■ 38.7975, 41.4932,
44.8367

153.3386,
163.0105, 176.6377

■ 26.7822, 28.7047,
30.9868

189.6973,
201.5197, 218.4380

■ 17.5455, 18.8575,
20.3304

231.3920,
245.6610, 266.3616

■ 10.7219, 11.5674,
12.4490

278.7880,
295.8189, 320.8270

■ 5.9460, 6.4498,
6.9240

332.2507,

■ 2.8526, 3.1205,

352.3777, 382.2527

3.3369

392.1455,
415.7218, 451.0574

■ 1.0763, 1.1950,
1.2691

■ 0.0052, 0.0576,
0.0363

■ 72.6249, 77.4320,
83.7912

■ 72.6249, 77.4320,
83.7912

■ 64.7682, 73.5263,
76.9924

■ 81.5094, 81.8641,
90.9933

■ 57.8936, 70.1170,
70.5844

■ 85.7946, 83.9151,
98.3358

■ 51.9619, 67.1863,
64.5616

■ 87.2324, 84.4903,
105.9075

■ 46.9284, 64.7112,
58.9162

■ 87.3108, 84.5217,
106.3203

■ 42.7449, 62.6669,
53.6399

■ 39.3583, 61.0264,
48.7245

■ 36.7094, 59.7591,
44.1608

■ 34.7299, 58.8300,
39.9394

■ 33.3383, 58.1972,
36.0500

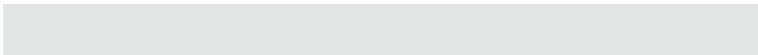
Harmonies

Analogous

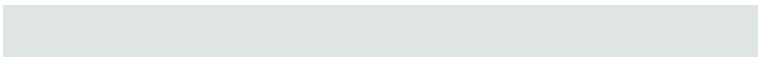
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8448, 77.4320, 82.4754



72.6249, 77.4320, 83.7912



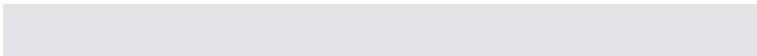
72.6645, 77.4320, 85.2613

Triad

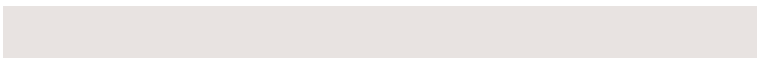
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6249, 77.4320, 83.7912



73.9281, 77.4320, 87.0201



74.2441, 77.4320, 82.1676

Complementary

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



72.6249, 77.4320, 83.7912



72.6991, 75.4623, 82.6893

Split Complementary

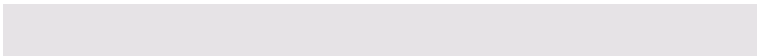
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5370, 77.4320, 83.3664



72.6249, 77.4320, 83.7912



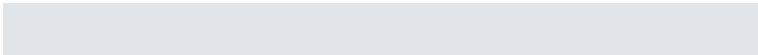
74.3540, 77.4320, 86.1722

Square

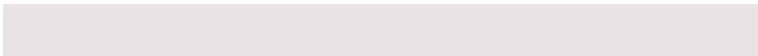
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6249, 77.4320, 83.7912



73.4153, 77.4320, 87.1371



74.5773, 77.4320, 84.8315



73.7786, 77.4320, 81.5453

Rectangle

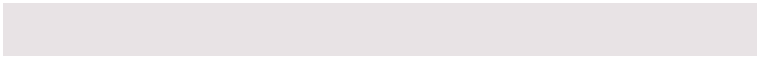
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



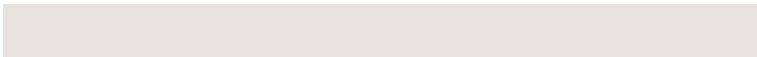
72.6249, 77.4320, 83.7912



72.8328, 77.4320, 86.1306



74.5773, 77.4320, 84.8315



74.3661, 77.4320, 82.5158

Sweetspot

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



72.6271, 77.4353, 83.7929



93.9541, 99.4540, 107.9928



72.8667, 77.6063, 81.6610



20.1216, 21.2930, 23.1245



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

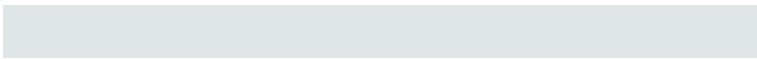
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6271, 77.4353, 83.7929



91.8020, 98.3821, 106.1940



72.7901, 77.3161, 85.2198



15.5283, 16.7201, 18.0057



18.6750, 33.1021, 19.3209



1.4256, 2.4644, 1.6679

Inverse Universe

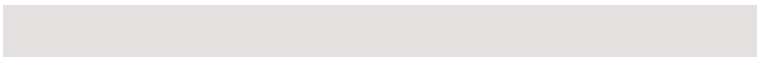
The Inverse Universe completely reimagines the original color for something new.



72.6991, 75.4623, 82.6893



91.9281, 94.9239, 104.2597



72.5378, 75.5773, 81.2867



15.5551, 15.9841, 17.5941



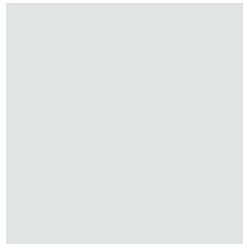
19.6278, 9.9853, 6.9349



1.4953, 0.7558, 0.7488

Previews

White Background



This preview shows how the XYZ color 72.6249, 77.4320, 83.7912 looks on a white background.

Color Contrast Check

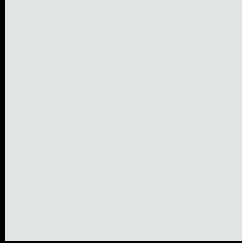
Large Text (above 18pt) WCAG AA × Fail

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 72.6249, 77.4320, 83.7912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

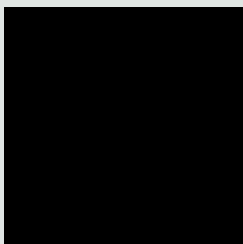
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

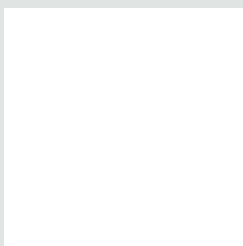
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6249, 77.4320, 83.7912

Background



This preview shows how black text looks on a background with the XYZ color 72.6249, 77.4320, 83.7912.

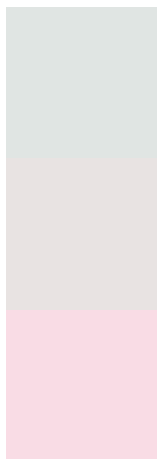


This preview shows how white text looks on a background with the XYZ color 72.6249, 77.4320,

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

72.6249, 77.4320, 83.7912

Protanopia

74.4753, 77.5850, 83.0016

Deuteranopia

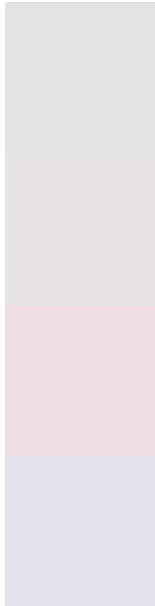
78.8030, 76.9833, 84.8346



Tritanopia

75.2040, 77.2553, 96.5360

Trichromacy



Original Color

72.6249, 77.4320, 83.7912

Protanomaly

73.7840, 77.6358, 83.0479

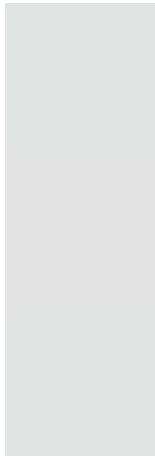
Deuteranomaly

76.3264, 76.9021, 84.2195

Tritanomaly

74.2657, 77.2800, 91.8912

Monochromacy



Original Color

72.6249, 77.4320, 83.7912

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.9726, 77.2016, 83.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6249, 77.4320, 83.7912 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(224, 229, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 229, 227)  
}
```

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(224, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 229, 227) }
```

Border

The CSS property to change the border of an element to XYZ 72.6249, 77.4320, 83.7912 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(224, 229, 227) }
```


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

```
.border{ border-color:rgb(224, 229, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 229,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6249, 77.4320, 83.7912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 229, 227) }
```

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

```
.background{ background-color: rgb(224,  
229, 227) }
```

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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