

Converting Colors

XYZ(73.0053, 76.1364, 83.1022)

Have a look what the booklet for
XYZ(73.0053, 76.1364, 83.1022)
contains.

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Color

**XYZ(72.9658, 75.9994,
82.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1E2
RGB	229, 225, 226
RGB Percent	90%, 88%, 89%
CMY	0.1020, 0.1176, 0.1137
CMYK	0.00, 0.02, 0.01, 0.10
HSL	345°, 7%, 89%
HSV	345°, 2%, 90%
XYZ	72.9658, 75.9994, 82.7752
YIQ	226.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

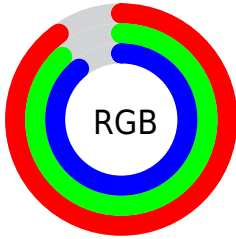
Format	Color
R _Y B	229, 225, 226
Decimal	15065570
CIE Lab	89.86, 1.53, -0.02
CIE LCh	90, 1.533, 359.319
Yxy	75.9994, 0.3149, 0.3280
Android (android.graphics.Color)	4293255650 (0xFFE5E1E2)
YUV	226.3100, -0.1528, 2.3591
Hunter-Lab	87.1776, -3.1602, 4.7285

Details

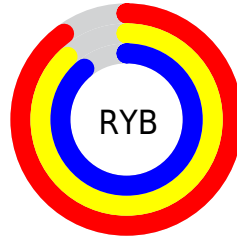
The XYZ color **72.9658, 75.9994, 82.7752** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0771, 77.6496, 84.5389**, and the grayscale version is **72.5149, 76.2913, 83.0812**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1810, 40.6884, 44.3167** is the 20% darker color. If you saturate the color by 10%, you get **64.9440, 63.5428, 69.0408**, and if you desaturate by 10%, it is **82.0587, 90.2177, 98.0354**.

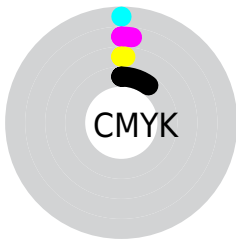
Distribution



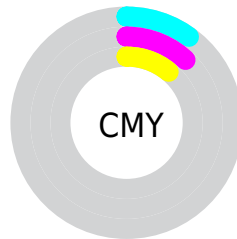
- Red (90%)
- Green (88%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9658, 75.9994, 82.7752 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 72.9658, 75.9994, 82.7752 by changing the saturation by 10% instead.

■ 72.9658, 75.9994,
82.7752

■ 72.9658, 75.9994,
82.7752

460.0019,
481.3456, 524.1884

■ 54.2363, 56.4320,
61.4652

122.4321,
127.7261, 139.1070

■ 39.0220, 40.5494,
44.1677

153.8995,
160.6541, 174.9658

■ 26.9577, 27.9672,
30.4642

190.3436,
198.8045, 216.5114

■ 17.6778, 18.3009,
19.9362

232.1298,
242.5617, 264.1621

■ 10.8172, 11.1662,
12.1650

279.6233,
292.3100, 318.3367

■ 6.0105, 6.1788,
6.7323

333.1896,

■ 2.8922, 2.9541,

348.4338, 379.4536

3.2193

393.1940,
411.3176, 447.9313

■ 1.0970, 1.1078,
1.2077

■ 0.0226, 0.0000,
0.0000

■ 72.9658, 75.9994,
82.7752

■ 72.9658, 75.9994,
82.7752

■ 64.9440, 63.5428,
69.0408

■ 82.0587, 90.2177,
98.0354

■ 57.9472, 52.7697,
56.7799

■ 86.1236, 95.3983,
108.4823

■ 51.9351, 43.6104,
45.9443

■ 46.8628, 35.9868,
36.4810

■ 42.6812, 29.8142,
28.3342

■ 39.3371, 24.9994,
21.4437

■ 36.7711, 21.4386,
15.7445

■ 34.9158, 19.0128,
11.1653

■ 33.6913, 17.5793,
7.6264

Harmonies

Analogous

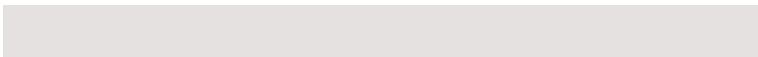
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8633, 75.9994, 83.8192



72.9658, 75.9994, 82.7752



72.8720, 75.9994, 81.7333

Triad

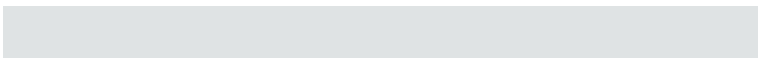
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9658, 75.9994, 82.7752



71.8791, 75.9994, 80.9452



71.8642, 75.9994, 84.5571

Complementary

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



72.9658, 75.9994, 82.7752



73.0771, 77.6496, 84.5389

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.



71.6020, 75.9994, 83.7759



72.9658, 75.9994, 82.7752



71.6106, 75.9994, 81.6908

Square

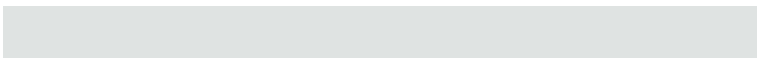
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



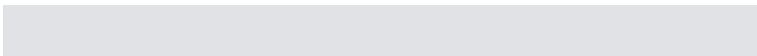
72.9658, 75.9994, 82.7752



72.2438, 75.9994, 80.6824



71.5094, 75.9994, 82.7257



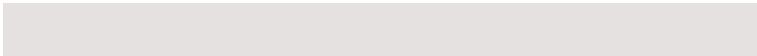
72.2265, 75.9994, 84.8535

Rectangle

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



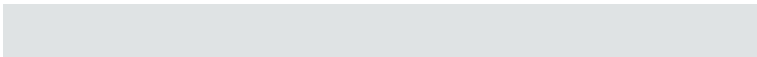
72.9658, 75.9994, 82.7752



72.7109, 75.9994, 81.1788



71.5094, 75.9994, 82.7257



71.7615, 75.9994, 84.3422

Sweetspot

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



72.9680, 76.0027, 82.7769



93.9352, 98.2611, 107.0155



73.0654, 76.0050, 84.9493



20.1177, 21.0502, 22.9256



0.0000, 0.0000, 0.0000



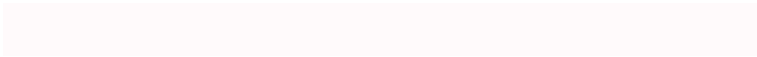
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9680, 76.0027, 82.7769



92.8342, 96.5449, 105.1507



73.1025, 76.4899, 82.1491



15.8641, 16.5098, 17.9814



18.9392, 9.7099, 3.3086



1.4361, 0.7321, 0.4368

Inverse Universe

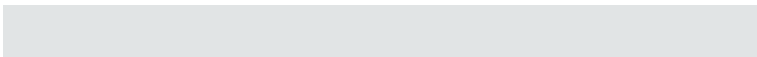
The Inverse Universe completely reimagines the original color for something new.



72.9680, 76.0027, 82.7769



92.8342, 96.5449, 105.1507



72.9402, 77.1538, 85.1777



15.8641, 16.5098, 17.9814



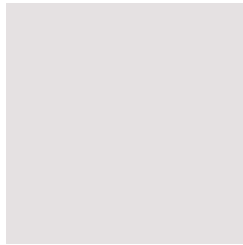
18.9392, 9.7099, 3.3086



1.4361, 0.7321, 0.4368

Previews

White Background



This preview shows how the XYZ color 72.9658, 75.9994, 82.7752 looks on a white background.

Color Contrast Check

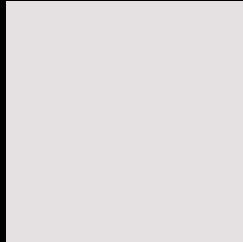
Large Text (above 18pt) WCAG AA × Fail

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 72.9658, 75.9994, 82.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

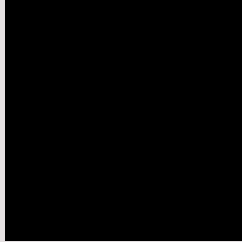
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

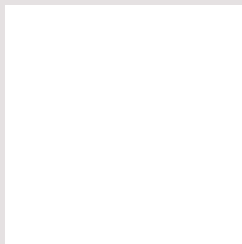
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9658, 75.9994, 82.7752

Background



This preview shows how black text looks on a background with the XYZ color 72.9658, 75.9994, 82.7752.

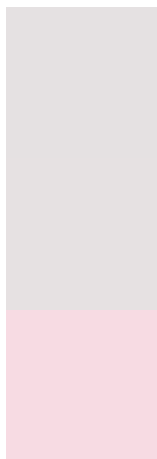


This preview shows how white text looks on a background with the XYZ color 72.9658, 75.9994,

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

72.9658, 75.9994, 82.7752

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

77.5544, 75.9832, 83.2517



Tritanopia

75.0708, 76.0555, 93.1616

Trichromacy



Original Color

72.9658, 75.9994, 82.7752

Protanomaly

73.2858, 76.1644, 82.7901

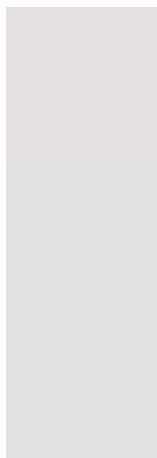
Deuteranomaly

75.6568, 75.7842, 83.3133

Tritanomaly

74.2842, 76.1325, 89.3771

Monochromacy



Original Color

72.9658, 75.9994, 82.7752

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6024, 76.2146, 82.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9658, 75.9994, 82.7752 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(229, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 226)  
}
```

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(229, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 72.9658, 75.9994, 82.7752 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(229, 225, 226) }
```


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

```
.border{ border-color:rgb(229, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9658, 75.9994, 82.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 226) }
```

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

```
.background{ background-color: rgb(229,  
225, 226) }
```

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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