

Converting Colors

XYZ(71.8586, 74.9812, 81.0176)

Have a look what the booklet for
XYZ(71.8586, 74.9812, 81.0176)
contains.

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Color

**XYZ(72.1051, 75.1871,
81.2332)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E4E0E0 |
| RGB | 228, 224, 224 |
| RGB Percent | 89%, 88%, 88% |
| CMY | 0.1059, 0.1215, 0.1216 |
| CMYK | 0.00, 0.02, 0.02, 0.11 |
| HSL | 0°, 7%, 89% |
| HSV | 0°, 2%, 89% |
| XYZ | 72.1051, 75.1871, 81.2332 |
| YIQ | 225.1960, 2.3840, 0.8480 |

Conversions

Conversions Part 2

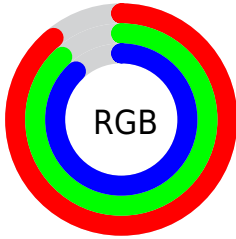
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 228, 224, 224 |
| Decimal | 14999776 |
| CIE Lab | 89.48, 1.36, 0.47 |
| CIE LCh | 89, 1.436, 19.089 |
| Yxy | 75.1871, 0.3155, 0.3290 |
| Android (android.graphics.Color) | 4293189856 (0xFFE4E0E0) |
| YUV | 225.1960, -0.5896, 2.4591 |
| Hunter-Lab | 86.7105, -3.3097, 5.1526 |

Details

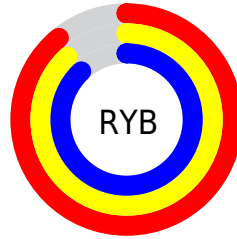
The XYZ color **72.1051, 75.1871, 81.2332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4874, 76.9345, 84.4292**, and the grayscale version is **71.7137, 75.4484, 82.1633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5830, 40.1247, 43.2474** is the 20% darker color. If you saturate the color by 10%, you get **63.5014, 62.6002, 64.1188**, and if you desaturate by 10%, it is **81.9478, 89.5865, 100.8081**.

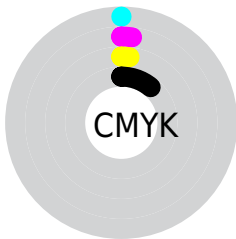
Distribution



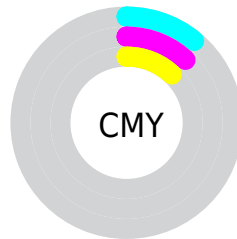
- Red (89%)
- Green (88%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1051, 75.1871, 81.2332 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 72.1051, 75.1871, 81.2332 by changing the saturation by 10% instead.

■ 72.1051, 75.1871,
81.2332

■ 72.1051, 75.1871,
81.2332

457.0593,
478.5604, 518.8951

■ 53.5303, 55.7662,
60.2016

121.2159,
126.5772, 136.9252

■ 38.4555, 40.0155,
43.1548

152.4827,
159.3151, 172.4226

■ 26.5152, 27.5506,
29.6743

188.7108,
197.2609, 213.5790

■ 17.3441, 17.9872,
19.3415

230.2656,
240.7988, 260.8130

■ 10.5770, 10.9408,
11.7380

277.5126,
290.3133, 314.5430

■ 5.8483, 6.0270,
6.4452

330.8169,

■ 2.7929, 2.8615,

346.1889, 375.1877

3.0445

390.5440,
408.8097, 443.1656

■ 1.0452, 1.0599,
1.1174

■ 0.0000, 0.0000,
0.0000

■ 72.1051, 75.1871,
81.2332

■ 72.1051, 75.1871,
81.2332

■ 63.5014, 62.6002,
64.1188

■ 81.9478, 89.5865,
100.8081

■ 56.0816, 51.7447,
49.3629

■ 85.8054, 95.2342,
108.4674

■ 49.7958, 42.5479,
36.8637

■ 44.5882, 34.9282,
26.5100

■ 40.3983, 28.7969,
18.1812

■ 37.1595, 24.0569,
11.7448

■ 34.7973, 20.5992,
7.0525

■ 33.2264, 18.2990,
3.9340

■ 32.3441, 17.0064,
2.1850

Harmonies

Analogous

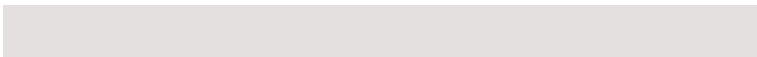
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1303, 75.1871, 82.2337



72.1051, 75.1871, 81.2332



71.9076, 75.1871, 80.4087

Triad

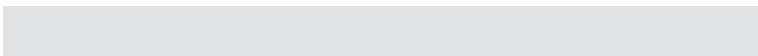
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1051, 75.1871, 81.2332



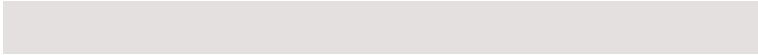
70.9524, 75.1871, 80.6021



71.3349, 75.1871, 83.7856

Complementary

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



72.1051, 75.1871, 81.2332



72.4874, 76.9345, 84.4292

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.



71.0204, 75.1871, 83.3408



72.1051, 75.1871, 81.2332



70.8000, 75.1871, 81.4993

Square

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



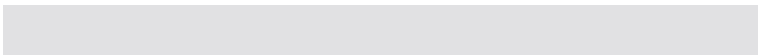
72.1051, 75.1871, 81.2332



71.2418, 75.1871, 80.0464



70.8249, 75.1871, 82.5020



71.6848, 75.1871, 83.7129

Rectangle

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



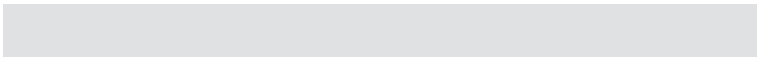
72.1051, 75.1871, 81.2332



71.7051, 75.1871, 80.0672



70.8249, 75.1871, 82.5020



71.2216, 75.1871, 83.6915

Sweetspot

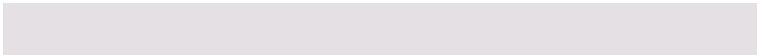
The Sweet Spot groups the original color and five complimentary colors.



72.1072, 75.1903, 81.2348



93.8348, 98.2222, 106.4829



72.6552, 75.4079, 84.1256



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



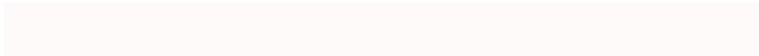
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1072, 75.1903, 81.2348



92.6357, 96.4680, 104.0981



72.6469, 76.2696, 81.4147



15.8322, 16.4974, 17.8123



18.4769, 9.5280, 0.8652



1.3658, 0.7049, 0.0641

Inverse Universe

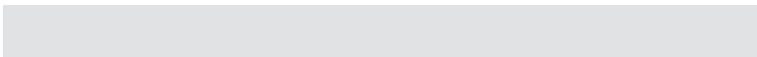
The Inverse Universe completely reimagines the original color for something new.



72.4874, 76.9345, 84.4292



93.1969, 99.0424, 108.8128



71.9415, 75.8426, 84.2472



15.9223, 16.9107, 18.5692



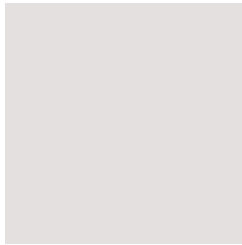
24.0715, 35.2052, 47.9097



1.7792, 2.6023, 3.5405

Previews

White Background



This preview shows how the XYZ color 72.1051, 75.1871, 81.2332 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 72.1051, 75.1871, 81.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

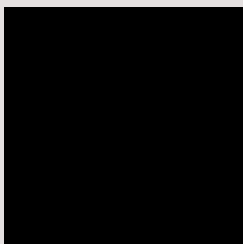
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

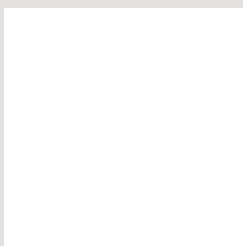
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1051, 75.1871, 81.2332

Background



This preview shows how black text looks on a background with the XYZ color 72.1051, 75.1871, 81.2332.

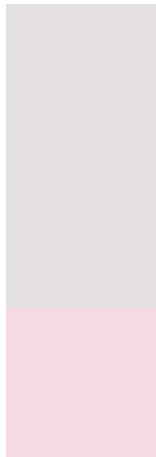


This preview shows how white text looks on a background with the XYZ color 72.1051, 75.1871,

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

72.1051, 75.1871, 81.2332

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

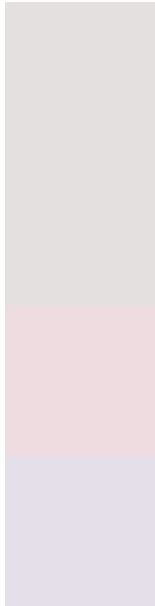
76.6680, 75.1719, 81.7029



Tritanopia

74.3344, 75.2975, 92.2774

Trichromacy



Original Color

72.1051, 75.1871, 81.2332

Protanomaly

72.4233, 75.3511, 81.2481

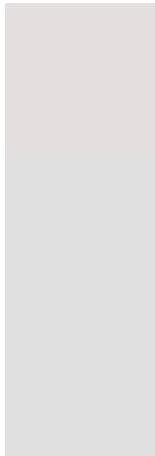
Deuteranomaly

74.7804, 74.9734, 81.7641

Tritanomaly

73.5521, 75.3739, 88.5139

Monochromacy



Original Color

72.1051, 75.1871, 81.2332

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8799, 75.4554, 82.0100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1051, 75.1871, 81.2332 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(228, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 224)  
}
```

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(228, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.1051, 75.1871, 81.2332 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(228, 224, 224) }
```


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

```
.border{ border-color:rgb(228, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(228, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1051, 75.1871, 81.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 224) }
```

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

```
.background{ background-color: rgb(228,  
224, 224) }
```

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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