

Converting Colors

XYZ(72.4428, 76.7127, 79.0808)

Have a look what the booklet for
XYZ(72.4428, 76.7127, 79.0808)
contains.

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Color

**XYZ(72.5151, 76.6526,
79.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3DD
RGB	228, 227, 221
RGB Percent	89%, 89%, 87%
CMY	0.1059, 0.1098, 0.1333
CMYK	0.00, 0.00, 0.03, 0.11
HSL	51°, 11%, 88%
HSV	51°, 3%, 89%
XYZ	72.5151, 76.6526, 79.3801
YIQ	226.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

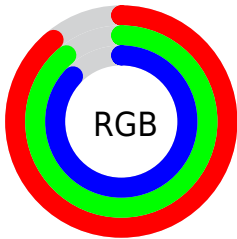
Format	Color
R _Y B	222, 228, 221
Decimal	15000541
CIE Lab	90.16, -0.71, 3.03
CIE LCh	90, 3.117, 103.258
Yxy	76.6526, 0.3173, 0.3354
Android (android.graphics.Color)	4293190621 (0xFFE4E3DD)
YUV	226.6150, -2.7682, 1.2146
Hunter-Lab	87.5515, -5.3712, 7.5297

Details

The XYZ color **72.5151, 76.6526, 79.3801** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9436, 73.2150, 83.8451**, and the grayscale version is **72.7541, 76.5429, 83.3553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8690, 41.1425, 41.9691** is the 20% darker color. If you saturate the color by 10%, you get **68.8034, 73.7643, 64.1596**, and if you desaturate by 10%, it is **76.6604, 79.7460, 96.7823**.

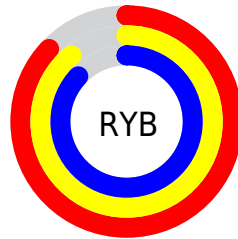
Distribution



Red (89%)

Green (89%)

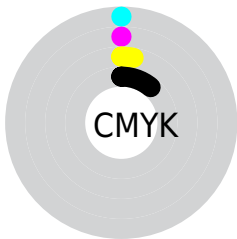
Blue (87%)



Red (87%)

Yellow (89%)

Blue (87%)

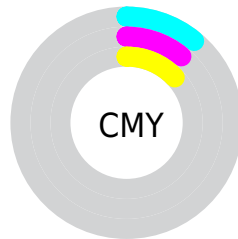


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5151, 76.6526, 79.3801 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 72.5151, 76.6526, 79.3801 by changing the saturation by 10% instead.

■ 72.5151, 76.6526,
79.3801

■ 72.5151, 76.6526,
79.3801

458.4624,
483.5787, 512.4928

■ 53.8665, 56.9678,
58.6852

121.7954,
128.6490, 134.2973

■ 38.7252, 40.9794,
41.9414

153.1579,
161.7293, 169.3568

■ 26.7258, 28.3030,
28.7302

189.4890,
200.0437, 210.0415

■ 17.5029, 18.5542,
18.6330

231.1542,
243.9764, 256.7700

■ 10.6912, 11.3486,
11.2313

278.5188,
293.9118, 309.9608

■ 5.9254, 6.3018,
6.1065

331.9481,

■ 2.8400, 3.0295,

350.2344, 370.0326

2.8401

391.8075,
413.3286, 437.4037

■ 1.0697, 1.1471,
1.0136

■ 0.0000, 0.0179,
0.0000

■ 72.5151, 76.6526,
79.3801

■ 72.5151, 76.6526,
79.3801

■ 68.8034, 73.7643,
64.1596

■ 76.6604, 79.7460,
96.7823

■ 65.5023, 71.0644,
51.0289

■ 79.3237, 82.2710,
106.3068

■ 62.5962, 68.5489,
39.8967

■ 80.2529, 84.1294,
106.6166

■ 60.0660, 66.2101,
30.6632

■ 81.1991, 86.0217,
106.9319

■ 57.8911, 64.0396,
23.2199

■ 82.1623, 87.9482,
107.2530

■ 56.0487, 62.0281,
17.4474

■ 83.1427, 89.9090,
107.5798

■ 54.5133, 60.1652,
13.2116

■ 84.1403, 91.9042,
107.9124

■ 53.2554, 58.4391,
10.3580

■ 85.1553, 93.9342,
108.2507

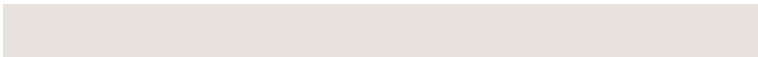
■ 52.2394, 56.8352,
8.6994

■ 85.8053, 95.2342,
108.4674

Harmonies

Analogous

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



73.2857, 76.6526, 79.4450



72.5151, 76.6526, 79.3801



71.8405, 76.6526, 80.3949

Triad

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



72.5151, 76.6526, 79.3801



71.7772, 76.6526, 86.4177



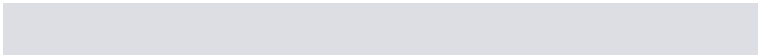
74.2909, 76.6526, 84.6958

Complementary

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



72.5151, 76.6526, 79.3801



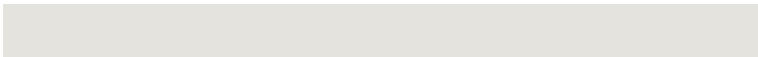
69.9436, 73.2150, 83.8451

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.



73.8810, 76.6526, 86.6054



72.5151, 76.6526, 79.3801



72.4280, 76.6526, 87.6115

Square

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



72.5151, 76.6526, 79.3801



71.4165, 76.6526, 84.4433



73.1980, 76.6526, 87.6808



74.3147, 76.6526, 82.4876

Rectangle

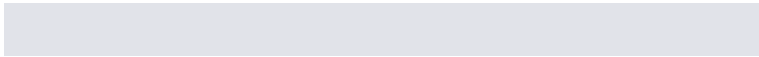
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5151, 76.6526, 79.3801



71.5346, 76.6526, 81.5578



73.1980, 76.6526, 87.6808



74.1936, 76.6526, 85.3949

Sweetspot

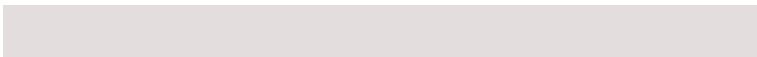
The Sweet Spot groups the original color and five complimentary colors.



72.5172, 76.6559, 79.3818



94.5265, 99.6056, 106.7135



71.0439, 73.4846, 79.5830



20.2381, 21.3239, 22.8641



0.0000, 0.0000, 0.0000



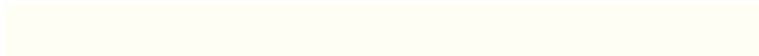
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5172, 76.6559, 79.3818



92.9898, 98.4381, 100.3256



72.0186, 76.8043, 79.4367



15.8082, 16.7520, 16.8718



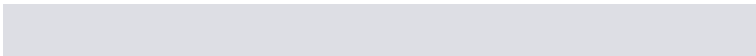
29.8841, 32.3424, 4.6676



2.2565, 2.4863, 0.3610

Inverse Universe

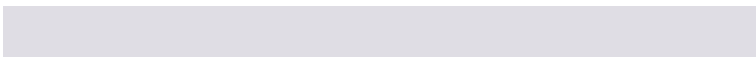
The Inverse Universe completely reimagines the original color for something new.



69.9436, 73.2150, 83.8451



88.6686, 92.6608, 107.8197



70.4314, 73.0751, 83.7924



14.9458, 15.5990, 18.3675



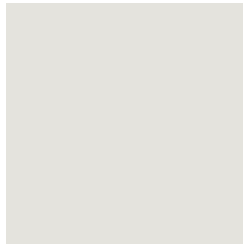
8.4422, 3.9466, 42.7000



0.6763, 0.3965, 3.1729

Previews

White Background



This preview shows how the XYZ color 72.5151, 76.6526, 79.3801 looks on a white background.

Color Contrast Check

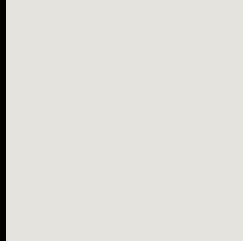
Large Text (above 18pt) WCAG AA × Fail

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 72.5151, 76.6526, 79.3801 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

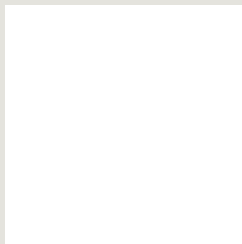
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5151, 76.6526, 79.3801

Background



This preview shows how black text looks on a background with the XYZ color 72.5151, 76.6526, 79.3801.



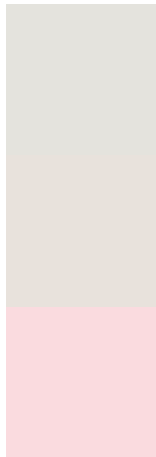
This preview shows how white text looks on a background with the XYZ color 72.5151, 76.6526,

79.3801.

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

72.5151, 76.6526, 79.3801

Protanopia

73.3933, 76.7158, 78.6495

Deuteranopia

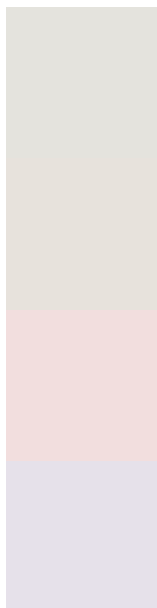
78.0751, 76.3147, 80.4273



Tritanopia

75.6377, 76.7110, 94.8246

Trichromacy



Original Color

72.5151, 76.6526, 79.3801

Protanomaly

73.0696, 76.5489, 78.6344

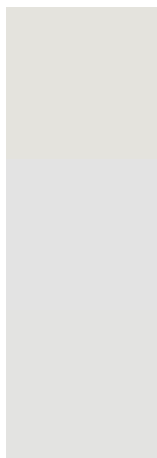
Deuteranomaly

75.9240, 76.3937, 79.8511

Tritanomaly

74.4096, 76.6139, 88.7081

Monochromacy



Original Color

72.5151, 76.6526, 79.3801

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7382, 76.7053, 82.2061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5151, 76.6526, 79.3801 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, 227, 221) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 221)  
}
```

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, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.5151, 76.6526, 79.3801 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, 227, 221) }
```


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

```
.border{ border-color:rgb(228, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5151, 76.6526, 79.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 221) }
```

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

```
.background{ background-color: rgb(228,  
227, 221) }
```

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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