

Converting Colors

XYZ(71.7401, 75.1984, 76.8298)

Have a look what the booklet for
XYZ(71.7401, 75.1984, 76.8298)
contains.

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Color

**XYZ(71.6236, 75.0313,
77.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E0DA
RGB	229, 224, 218
RGB Percent	90%, 88%, 85%
CMY	0.1020, 0.1215, 0.1451
CMYK	0.00, 0.02, 0.05, 0.10
HSL	33°, 17%, 88%
HSV	33°, 5%, 90%
XYZ	71.6236, 75.0313, 77.0372
YIQ	224.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

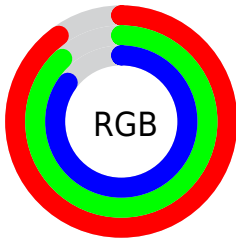
Format	Color
RYB	227, 229, 218
Decimal	15065306
CIELab	89.41, 0.65, 3.52
CIELCh	89, 3.583, 79.476
Yxy	75.0313, 0.3202, 0.3354
Android (android.graphics.Color)	4293255386 (0xFFE5E0DA)
YUV	224.8110, -3.3578, 3.6738
Hunter-Lab	86.6206, -3.9906, 7.9041

Details

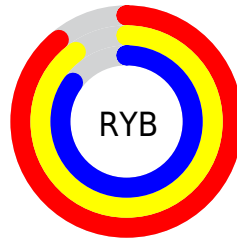
The XYZ color **71.6236, 75.0313, 77.0372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4438, 73.3366, 84.6248**, and the grayscale version is **71.4550, 75.1762, 81.8669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2544, 40.0189, 40.3585** is the 20% darker color. If you saturate the color by 10%, you get **66.1221, 68.4966, 61.4261**, and if you desaturate by 10%, it is **77.7144, 82.0801, 94.8892**.

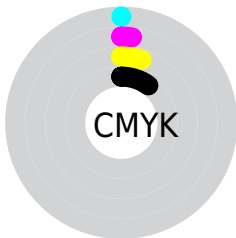
Distribution



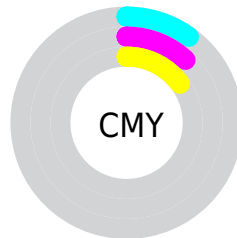
- Red (90%)
- Green (88%)
- Blue (85%)



- Red (89%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6236, 75.0313, 77.0372 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 71.6236, 75.0313, 77.0372 by changing the saturation by 10% instead.

■ 71.6236, 75.0313,
77.0372

■ 71.6236, 75.0313,
77.0372

455.4084,
478.0251, 504.3319

■ 53.1356, 55.6385,
56.7717

120.5349,
126.3567, 130.9655

■ 38.1390, 39.9132,
40.4138

151.6890,
159.0581, 165.4653

■ 26.2683, 27.4709,
27.5451

187.7958,
196.9644, 205.5470

■ 17.1582, 17.9272,
17.7470

229.2207,
240.4602, 251.6290

■ 10.4433, 10.8977,
10.6009

276.3291,
289.9298, 304.1300

■ 5.7584, 5.9981,
5.6884

329.4862,

■ 2.7380, 2.8439,

345.7575, 363.4684

2.5908

389.0576,
408.3279, 430.0629

■ 1.0168, 1.0508,
0.8877

■ 0.0000, 0.0000,
0.0000

■ 71.6236, 75.0313,
77.0372

■ 71.6236, 75.0313,
77.0372

■ 66.1221, 68.4966,
61.4261

■ 77.7144, 82.0801,
94.8892

■ 61.1837, 62.4534,
47.9612

■ 82.9571, 89.0656,
107.4268

■ 56.7893, 56.8916,
36.5481

■ 86.1234, 95.3982,
108.4822

■ 52.9163, 51.7970,
27.0835

■ 49.5403, 47.1545,
19.4549

■ 46.6345, 42.9479,
13.5382

■ 44.1691, 39.1598,
9.1938

■ 42.1099, 35.7705,
6.2596

■ 40.4157, 32.7576,
4.5373

Harmonies

Analogous

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



72.4169, 75.0313, 78.0782



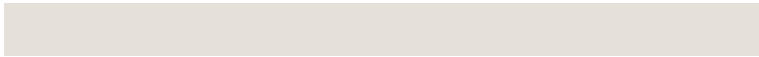
71.6236, 75.0313, 77.0372



70.7540, 75.0313, 77.2251

Triad

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



71.6236, 75.0313, 77.0372



69.7362, 75.0313, 83.3180



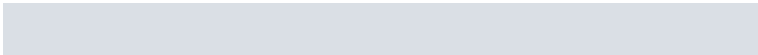
72.6052, 75.0313, 84.8763

Complementary

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



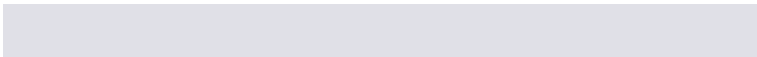
71.6236, 75.0313, 77.0372



69.4438, 73.3366, 84.6248

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.



71.8790, 75.0313, 86.3369



71.6236, 75.0313, 77.0372



70.2243, 75.0313, 85.4245

Square

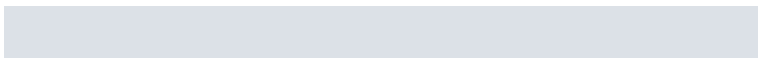
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6236, 75.0313, 77.0372



69.6690, 75.0313, 80.8170



71.0073, 75.0313, 86.5396



72.9867, 75.0313, 82.5820

Rectangle

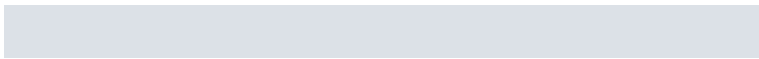
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6236, 75.0313, 77.0372



70.2477, 75.0313, 78.0231



71.0073, 75.0313, 86.5396



72.3930, 75.0313, 85.4831

Sweetspot

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



71.6257, 75.0346, 77.0388



94.2738, 99.1002, 106.6293



70.7227, 72.1368, 80.1036



20.1867, 21.2210, 22.8470



0.0000, 0.0000, 0.0000



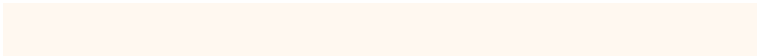
20.3446, 21.4041, 23.3091

Same Dimension

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



71.6257, 75.0346, 77.0388



90.5069, 94.6999, 95.7133



72.8712, 77.6992, 77.4875



15.3720, 16.0747, 16.1247



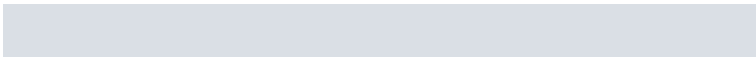
22.7899, 18.1540, 2.3029



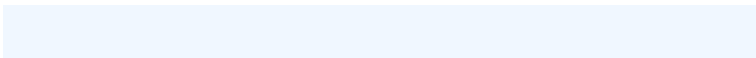
1.7767, 1.5267, 0.2010

Inverse Universe

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



69.4438, 73.3366, 84.6248



87.0368, 91.9996, 107.7781



68.2385, 70.7631, 84.1916



14.7251, 15.5713, 18.3738



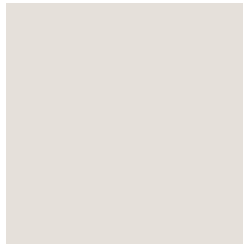
11.0335, 9.1292, 43.5637



0.9072, 0.8583, 3.2498

Previews

White Background



This preview shows how the XYZ color 71.6236, 75.0313, 77.0372 looks on a white background.

Color Contrast Check

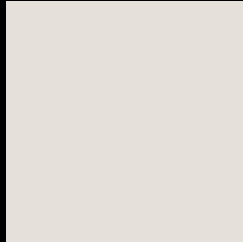
Large Text (above 18pt) WCAG AA × Fail

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 71.6236, 75.0313, 77.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

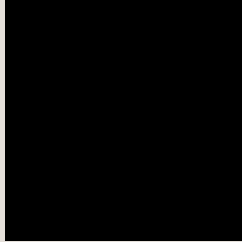
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

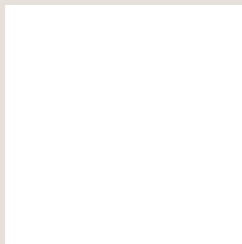
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6236, 75.0313, 77.0372

Background



This preview shows how black text looks on a background with the XYZ color 71.6236, 75.0313, 77.0372.

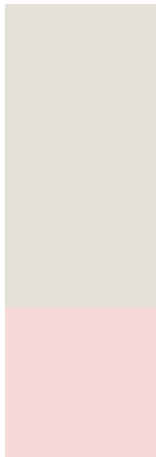


This preview shows how white text looks on a background with the XYZ color 71.6236, 75.0313,

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

71.6236, 75.0313, 77.0372

Protanopia

71.9437, 75.1963, 77.0522

Deuteranopia

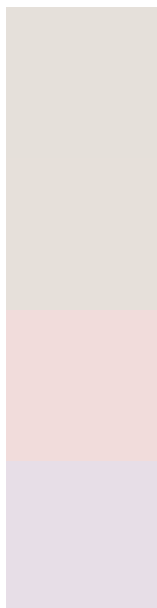
76.3104, 74.6966, 77.4137



Tritanopia

74.5678, 75.0418, 91.4433

Trichromacy



Original Color

71.6236, 75.0313, 77.0372

Protanomaly

71.9437, 75.1963, 77.0522

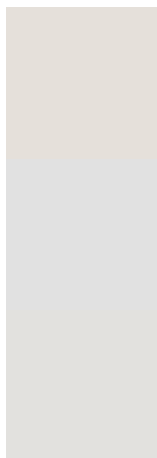
Deuteranomaly

74.6550, 75.0016, 77.5599

Tritanomaly

73.5001, 75.0010, 86.2041

Monochromacy



Original Color

71.6236, 75.0313, 77.0372

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4741, 75.2931, 79.8732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6236, 75.0313, 77.0372 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, 224, 218) looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 218)  
}
```

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, 224, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.6236, 75.0313, 77.0372 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, 224, 218) }
```


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

```
.border{ border-color:rgb(229, 224, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6236, 75.0313, 77.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 218) }
```

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

```
.background{ background-color: rgb(229,  
224, 218) }
```

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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