

Converting Colors

XYZ(71.0697, 69.3266, 77.3255)

Have a look what the booklet for
XYZ(71.0697, 69.3266, 77.3255)
contains.

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Color

**XYZ(71.2248, 69.4376,
77.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	EED2DC
RGB	238, 210, 220
RGB Percent	93%, 82%, 86%
CMY	0.0667, 0.1764, 0.1372
CMYK	0.00, 0.12, 0.08, 0.07
HSL	339°, 45%, 88%
HSV	339°, 12%, 93%
XYZ	71.2248, 69.4376, 77.3590
YIQ	219.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

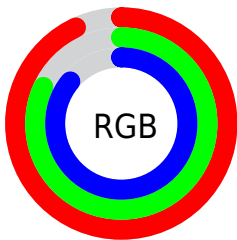
Format	Color
R _Y B	238, 210, 220
Decimal	15651548
CIE Lab	86.72, 11.39, -1.36
CIE LCh	87, 11.473, 353.199
Yxy	69.4376, 0.3267, 0.3185
Android (android.graphics.Color)	4293841628 (0xFFEED2DC)
YUV	219.5120, 0.2406, 16.2140
Hunter-Lab	83.3292, 6.7449, 3.2884

Details

The XYZ color **71.2248, 69.4376, 77.3590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1592, 80.4541, 85.1814**, and the grayscale version is **67.6810, 71.2057, 77.5430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8043, 36.1044, 40.5737** is the 20% darker color. If you saturate the color by 10%, you get **63.8457, 57.7750, 65.3541**, and if you desaturate by 10%, it is **79.6672, 82.9281, 90.6353**.

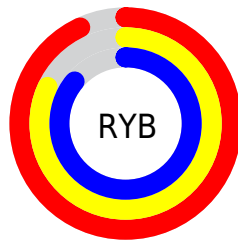
Distribution



Red (93%)

Green (82%)

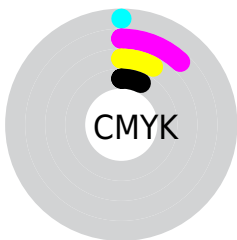
Blue (86%)



Red (93%)

Yellow (82%)

Blue (86%)

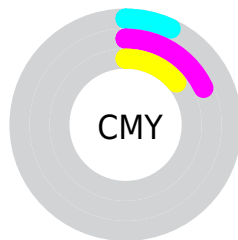


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2248, 69.4376, 77.3590 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 71.2248, 69.4376, 77.3590 by changing the saturation by 10% instead.

71.2248, 69.4376,
77.3590

71.2248, 69.4376,
77.3590

454.0385,
458.5728, 505.4573

52.8089, 51.0682,
57.0342

119.9705,
118.4064, 131.4238

37.8771, 36.2629,
40.6232

151.0310,
149.7745, 166.0008

26.0641, 24.6373,
27.7073

187.0371,
186.2444, 206.1658

17.0045, 15.8070,
17.8680

228.3541,
228.2003, 252.3371

10.3330, 9.3877,
10.6868

275.3474,
276.0267, 304.9334

5.6843, 4.9949,
5.7451

328.3823,

2.6929, 2.2443,

330.1080, 364.3732

2.6245

387.8243,
390.8286, 431.0750

■ 0.9935, 0.7440,
0.9050

■ 0.0000, 0.0000,
0.0000

■ 71.2248, 69.4376,
77.3590

■ 71.2248, 69.4376,
77.3590

■ 63.8457, 57.7750,
65.3541

■ 79.6672, 82.9281,
90.6353

■ 57.4807, 47.8524,
54.5772

■ 88.3709, 96.6376,
104.9368

■ 52.0851, 39.5881,
44.9889

■ 89.0704, 96.9174,
108.6202

■ 47.6089, 32.8904,
36.5457

■ 43.9970, 27.6584,
29.2014

■ 41.1884, 23.7795,
22.9060

■ 39.1132, 21.1244,
17.6049

■ 37.6886, 19.5378,
13.2371

■ 36.8992, 18.8329,
10.2802

Harmonies

Analogous

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



70.1922, 69.4376, 84.7533



71.2248, 69.4376, 77.3590



70.8271, 69.4376, 69.9642

Triad

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



71.2248, 69.4376, 77.3590



63.9979, 69.4376, 62.8890



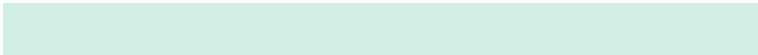
62.9726, 69.4376, 87.9915

Complementary

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



71.2248, 69.4376, 77.3590



71.1592, 80.4541, 85.1814

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.



61.3943, 69.4376, 81.5427



71.2248, 69.4376, 77.3590



61.9750, 69.4376, 67.1413

Square

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



71.2248, 69.4376, 77.3590



66.6077, 69.4376, 61.9345



61.0341, 69.4376, 73.8792



65.3927, 69.4376, 91.1539

Rectangle

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



71.2248, 69.4376, 77.3590



69.8093, 69.4376, 65.9873



61.0341, 69.4376, 73.8792



62.3286, 69.4376, 86.1162

Sweetspot

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



71.2268, 69.4407, 77.3605



90.8439, 93.2486, 102.3776



70.3921, 68.7199, 90.4442



19.2800, 19.6958, 21.6563



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

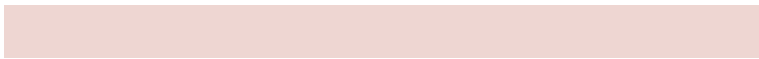
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2268, 69.4407, 77.3605



81.2220, 77.9086, 87.1357



70.8743, 70.7916, 70.9050



16.0059, 15.8521, 17.5875



20.6418, 10.5291, 6.0301



1.7630, 0.8943, 0.7429

Inverse Universe

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



71.2268, 69.4407, 77.3605



81.2220, 77.9086, 87.1357



71.5121, 78.8743, 92.3452



16.0059, 15.8521, 17.5875



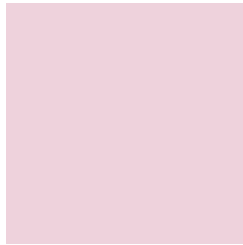
20.6418, 10.5291, 6.0301



1.7630, 0.8943, 0.7429

Previews

White Background



This preview shows how the XYZ color 71.2248, 69.4376, 77.3590 looks on a white background.

Color Contrast Check

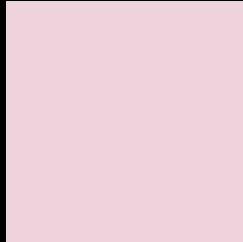
Large Text (above 18pt) WCAG AA × Fail

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 71.2248, 69.4376, 77.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

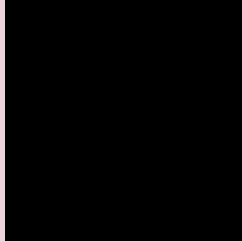
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2248, 69.4376, 77.3590

Background



This preview shows how black text looks on a background with the XYZ color 71.2248, 69.4376, 77.3590.



This preview shows how white text looks on a background with the XYZ color 71.2248, 69.4376,

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

71.2248, 69.4376, 77.3590

Protanopia

67.2238, 69.5536, 80.4031

Deuteranopia

70.8899, 69.2650, 77.3433



Tritanopia

72.1245, 69.4426, 81.5539

Trichromacy



Original Color

71.2248, 69.4376, 77.3590

Protanomaly

68.7299, 69.5896, 79.6217

Deuteranomaly

70.8899, 69.2650, 77.3433

Tritanomaly

71.8516, 69.3335, 80.1167

Monochromacy



Original Color

71.2248, 69.4376, 77.3590

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1527, 70.6099, 77.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2248, 69.4376, 77.3590 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(238, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 210, 220)  
}
```

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(238, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.2248, 69.4376, 77.3590 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(238, 210, 220) }
```


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

```
.border{ border-color:rgb(238, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2248, 69.4376, 77.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 210, 220) }
```

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

```
.background{ background-color: rgb(238,  
210, 220) }
```

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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