

Converting Colors

XYZ(70.7621, 69.1372, 80.1363)

Have a look what the booklet for
XYZ(70.7621, 69.1372, 80.1363)
contains.

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Color

**XYZ(70.7621, 69.1372,
80.1363)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBD2E0 |
| RGB | 235, 210, 224 |
| RGB Percent | 92%, 82%, 88% |
| CMY | 0.0784, 0.1764, 0.1216 |
| CMYK | 0.00, 0.11, 0.05, 0.08 |
| HSL | 326°, 38%, 87% |
| HSV | 326°, 11%, 92% |
| XYZ | 70.7621, 69.1372, 80.1363 |
| YIQ | 219.0710, 10.4060, 9.6540 |

Conversions

Conversions Part 2

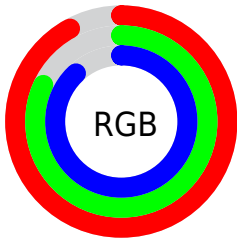
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 210, 224 |
| Decimal | 15454944 |
| CIE Lab | 86.57, 11.05, -3.72 |
| CIE LCh | 87, 11.657, 341.364 |
| Yxy | 69.1372, 0.3216, 0.3142 |
| Android (android.graphics.Color) | 4293645024 (0xFFEBD2E0) |
| YUV | 219.0710, 2.4300, 13.9697 |
| Hunter-Lab | 83.1488, 6.3985, 1.0622 |

Details

The XYZ color **70.7621, 69.1372, 80.1363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3405, 78.3406, 79.8770**, and the grayscale version is **67.3615, 70.8696, 77.1770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6403, 36.2252, 42.5444** is the 20% darker color. If you saturate the color by 10%, you get **64.0211, 57.8312, 71.1791**, and if you desaturate by 10%, it is **78.4443, 82.1872, 89.8299**.

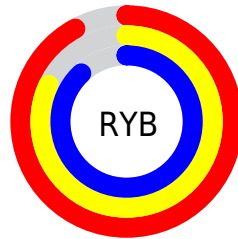
Distribution



Red (92%)

Green (82%)

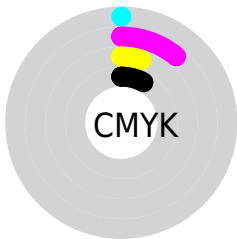
Blue (88%)



Red (92%)

Yellow (82%)

Blue (88%)

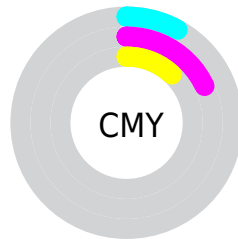


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7621, 69.1372, 80.1363 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 70.7621, 69.1372, 80.1363 by changing the saturation by 10% instead.

70.7621, 69.1372,
80.1363

70.7621, 69.1372,
80.1363

452.4462,
457.5147, 515.1109

52.4299, 50.8235,
59.3037

119.3153,
117.9775, 135.3705

37.5735, 36.0681,
42.4360

150.2670,
149.2729, 170.6091

25.8276, 24.4868,
29.1147

186.1559,
185.6642, 211.4869

16.8267, 15.6951,
18.9213

227.3474,
227.5360, 258.4222

10.2055, 9.3087,
11.4372

274.2068,
275.2725, 311.8338

5.5988, 4.9431,
6.2439

327.0995,

2.6410, 2.2139,

329.2582, 372.1401

2.9227

386.3908,
389.8775, 439.7596

■ 0.9669, 0.7276,
1.0553

■ 0.0000, 0.0000,
0.0000

■ 70.7621, 69.1372,
80.1363

■ 70.7621, 69.1372,
80.1363

■ 64.0211, 57.8312,
71.1791

■ 78.4443, 82.1872,
89.8299

■ 58.1770, 48.1856,
62.9334

■ 86.4547, 95.7557,
100.0601

■ 53.1903, 40.1235,
55.3795

■ 88.0714, 96.4024,
108.5734

■ 49.0166, 33.5580,
48.4947

■ 45.6070, 28.3943,
42.2545

■ 42.9071, 24.5261,
36.6324

■ 40.8547, 21.8321,
31.5993

■ 39.3761, 20.1675,
27.1215

■ 38.3979, 19.3170,
23.3859

Harmonies

Analogous

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



69.2079, 69.1372, 87.0126



70.7621, 69.1372, 80.1363



70.9415, 69.1372, 72.3834

Triad

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



70.7621, 69.1372, 80.1363



64.6939, 69.1372, 61.6074



61.8885, 69.1372, 85.5506

Complementary

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



70.7621, 69.1372, 80.1363



69.3405, 78.3406, 79.8770

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.



60.7476, 69.1372, 78.2501



70.7621, 69.1372, 80.1363



62.3375, 69.1372, 64.6501

Square

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



70.7621, 69.1372, 80.1363



67.3878, 69.1372, 62.0359



60.9097, 69.1372, 70.6214



64.0659, 69.1372, 90.2834

Rectangle

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



70.7621, 69.1372, 80.1363



70.2517, 69.1372, 67.7936



60.9097, 69.1372, 70.6214



61.3738, 69.1372, 83.2953

Sweetspot

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



70.7641, 69.1402, 80.1378



92.1205, 95.0009, 105.2730



67.8127, 67.4408, 88.0415



19.5538, 20.0552, 22.3282



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.



70.7641, 69.1402, 80.1378



83.1109, 79.7387, 93.7698



69.1516, 68.4952, 71.6468



15.4186, 15.1953, 17.4899



21.4352, 10.7768, 13.3590



1.7314, 0.8655, 1.3031

Inverse Universe

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



70.7641, 69.1402, 80.1378



83.1109, 79.7387, 93.7698



71.0445, 79.0222, 88.8502



15.4186, 15.1953, 17.4899



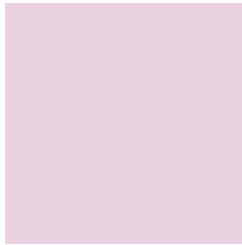
21.4352, 10.7768, 13.3590



1.7314, 0.8655, 1.3031

Previews

White Background



This preview shows how the XYZ color 70.7621, 69.1372, 80.1363 looks on a white background.

Color Contrast Check

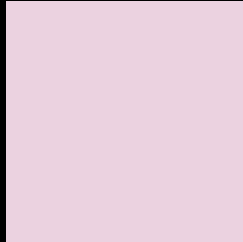
Large Text (above 18pt) WCAG AA × Fail

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 70.7621, 69.1372, 80.1363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

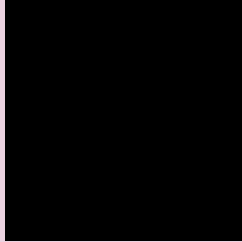
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7621, 69.1372, 80.1363

Background



This preview shows how black text looks on a background with the XYZ color 70.7621, 69.1372, 80.1363.



This preview shows how white text looks on a background with the XYZ color 70.7621, 69.1372,

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

70.7621, 69.1372, 80.1363

Protanopia

67.3344, 69.5632, 82.5512

Deuteranopia

70.4328, 68.9674, 80.1208



Tritanopia

71.0350, 69.2463, 81.5734

Trichromacy



Original Color

70.7621, 69.1372, 80.1363

Protanomaly

68.5145, 69.4314, 81.7420

Deuteranomaly

70.4328, 68.9674, 80.1208

Tritanomaly

70.8982, 69.1916, 80.8527

Monochromacy



Original Color

70.7621, 69.1372, 80.1363

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6583, 70.3397, 78.3649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7621, 69.1372, 80.1363 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(235, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 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(235, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.7621, 69.1372, 80.1363 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(235, 210, 224) }
```


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

```
.border{ border-color:rgb(235, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7621, 69.1372, 80.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 224) }
```

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

```
.background{ background-color: rgb(235,  
210, 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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